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## American Railroad Journal.

New York, Saturday, November 30, 1878.

### London and Frankfort Investments.

The failure of Spain, Egypt, Turkey and several of the South and North American States to pay interest on their funded indebtedness has cost English investors very dearly. During the past fifty years over three thousand million dollars has been paid by Englishmen for the bonds of States in doubtful credit. Of this sum seven hundred and seventy millions, or twenty five per cent of the whole sum is a dead loss. The balance remains in partial default. A greedy desire for large rates of interest has induced the purchase in large blocks of such doubtful securities as the bonds of Costa Rica, Honduras, Paraguay, San Domingo, Poyais and Liberia, to say nothing of the Confederate debt and the dishonored bonds of some of the Southern States. With their hands full of the notes of these defaulting Governments, of late years investors have found it prudent to place their money in home undertakings. But the failure of the Glasgow Bank, and the resulting crash in commercial and manufacturing business, has created great distrust in this line of investment.—*Phila. Record.*

The comment on the above is obvious enough. The greed for high rates of interest—the haste to double the capital—is at the bottom of much of this unsound borrowing and lending. So long as there are buyers for cheap bonds, or, what is the same thing, high rates of interest, so long there will be offerers. It is the good fortune of the United States Government that it is no longer a borrower of this class; but it is equally the misfortune of the national reputation that our market is rarely without some such wild cat enterprises in hand. Of bonds that are “made to sell,” there are always plenty. This circumstance does not arise, as our British cousins imagine, out of any uncommon development of the cheating disposition of our people, but because of the crop of over-sanguine speculators and visionaries which our continent produces in such abundance. Such is the fertility of our soil, such the adaptability of our people to invention and labor-saving machinery, and such the general average of trading intelligence that the many industrial successes present with us only serve as stimulants to a spirit of imitation, rivalry, and emulation. We have been quick to build duplicate roads in order to divide a fairly profitable traffic. It is in this sense, more than in any other, that we may be said to have built “too many railroads in the United States.”

There are not, however, too many miles of road for our present population and resources; but many of the new ones are badly placed. Even now there are places and traffic for not less than 5,000 miles of new road, which would absorb say 10 to 12 millions of European capital at moderate rates of interest. This is exclusive of the 1,200 or 1,400 miles of the Southern Pacific Railroad required to connect the California system with that of Texas, which is probably the most colossal work now in progress in this country. There are pieces of needed through lines, and branches and short connecting links to be filled, which would pay a fair rate on the investment. Some of these are on the Atlantic slope, others are in the Gulf States, and the remainder in the West and Far West.

One feature in connection with our American Railroad financing ought to be noticed here: it is

the fatality of attempts to make new roads, which are, for inevitable reasons, built chiefly on borrowed capital, pay full interest from the start. This, in all but the most favored instances, (now very rare) is impossible. If our home and foreign investors would but consent to a form of bond with graduated rates of interest for a few years of the infancy of operation we should not hear of so many breakdowns. For instance if a new road had to earn no interest until after completion; and afterwards commencing with one per cent, and increasing yearly by one per cent, until the maximum six was reached, many roads could be enabled to escape bankruptcy. This is what many of them virtually do after years of receiverships.

### Warning to Locomotive Engineers.

Drs. Charles M. Cresson and Robert E. Rogers, of Philadelphia, well known as experts in chemistry and dynamics, were appointed by the Philadelphia and Reading Railroad Company to inquire into and report upon the causes of the recent explosion of the boiler of the express locomotive “Gem,” at Mahanoy city, by which five lives were lost. Their report, which is designed to cover the whole scope of a most careful investigation, is not yet made public, but they have arrived at the following specific conclusion, which we give in their own language:

“We are therefore of the opinion that the explosion of the boiler of the locomotive ‘Gem,’ was produced by the projection of foam upon the heated crown bars of the furnace caused by suddenly and widely opening the safety valve, at a time when the water had been permitted to get so low as to overheat the crown of the furnace.”

This is an important matter, that should be carefully noted by locomotive and other engineers, for it will show them that there are conditions in which the sudden and wide opening of a safety valve, or of a throttle valve, may produce disastrous explosions instead of relief to the boiler.

The Eastern Railroad Co. of Massachusetts and the Maine Central Railroad Co. propose to run a line from Danforth to Houlton, a distance of 30 miles. If this is done it is expected that the New Brunswick R. R. Co. will continue their narrow gauge Railroad from Woodstock to Houl-



ton; all transfers of freight to be made at Houlton. This would make nearly an air line connection between Fredericton, Woodstock and Madawaska Valleys with all the western roads.

#### Baltimore and Ohio Railroad.

(Continued from page 1445.)

The aggregate earnings, working expenses and net results of the Main Stem, including the Winchester and Potomac, Winchester and Strasburg, the Strasburg and Harrisonburg, the Metropolitan Branch, and the Washington City and Point Lookout railroads; the Washington Branch and the Parkersburg Branch railroads; of the Central Ohio, Lake Erie and Chicago divisions; the Wheeling, Pittsburg and Baltimore, and the Newark, Somerset and Straitsville railroads, and the Pittsburg Division for the fiscal year, and the Washington County Branch for three months to January 1, 1878, viz:

Working expenses 66.44 per cent.	Net earnings
Washington County Branch.....	\$1,057,558 98
Washington Branch.....	628,010 57
Parkersburg Branch.....	429,548 89
Chicago Division.....	249,556 45
Central Ohio Division.....	234,227 31
Lake Erie Division.....	15,329 14
Pittsburg Division.....	176,350 99
Wheeling, Pittsburg and Baltimore Railroad.....	1,057,558 98
Newark, Somerset and Straitsville Railroad.....	1,057,558 98
Working expenses 66.44 per cent.	628,010 57
Net earnings	429,548 89

The net revenue of the Main Stem and branches including the Central Ohio, Lake Erie and Chicago divisions, the Wheeling, Pittsburg and Baltimore, the Newark, Somerset and Straitsville railroads, and the Pittsburg Division, was \$5,995,978 68.

The net earnings of the Parkersburg Branch Railroad Company, and of the Chicago Division, and of the Wheeling, Pittsburg and Baltimore Railroad Company, and the excess over rental of the net earnings of the Lake Erie Division have been credited to the accounts for interest on advances made to those companies respectively.

It is shown that the net earnings of the Central Division were \$265,447 93. Under the lease of the Central Ohio Railroad thirty-five per cent of the gross earnings are paid annually to that company. The working expenses, in consequence of the very low rates for transportation during a portion of this year, was 67.98 per cent. The loss on this division for the year, under the agreement, was \$24,790 54, which has been charged in the profit and loss account. It will be seen that the net result on this division, compared with the previous year, shows an improvement of \$92,455 66.

The aggregate working expenses of the Main Stem, with all branches and divisions were 56.44 per cent of the whole gross revenues, being 5.88 per cent less than the preceding year.

Six hundred and twenty-four miles of track of the Main Stem are now laid with steel rails. The entire increased cost of the large quantity of steel rails thus continuously substituted for iron

rails has been charged to the repair account. The economy and advantage of the substitution of steel for iron rails so generally upon the line continue to be shown by the further important reduction, which is mainly due to this change, stated by the road department in the cost of the "repairs of railway," of \$195,067 05.

The condition of the entire line, its roadbed, tracks and structures, has not only been fully maintained, but improved. The great regularity of its trains, and its successful working, with the absence of accidents, are noteworthy.

#### OF THE WASHINGTON COUNTY RAILROAD COMPANY.

The contract for the working of the Washington County railroad, made on the 10th of December, 1868, for ten years from the first day of January, 1868, contained a provision under which the agreement could be continued for ten years on the same terms, or cease upon one year's notice prior to the expiration of the contract, namely, January 1, 1878. As, in consequence of the competition for the business of Hagerstown and Washington county, of the Chesapeake and Ohio canal, of the Western Maryland railroad, and of the Cumberland Valley railroad, it has been impossible to secure satisfactory results, the Baltimore and Ohio Company availed of the option reserved in the said agreement, and, in accordance therewith, gave the proper notice to the Washington County Railroad Company that the lease of the road would not be continued after January 1, 1878. The Baltimore and Ohio Company continues to be interested in this road as an original subscriber, and now owns 38,464 shares of its stock, representing at par \$769,280.

The earnings and working expenses for the three months from September 30, 1877, to January 1, 1878, were merged, as heretofore, in the statement of the Main Stem. Since that period, namely, for the nine months ended September 30, 1878, the gross earnings of the Washington County Railroad Company have been \$25,778 01.

#### THE PITTSBURG AND CONNELLSVILLE RAILROAD.

The earnings for the year ended September 30, 1878, were.....\$1,544,021 89  
The working expenses for the same period were.....958,501 57  
Being 62.07 per cent.

And showing the net earnings for the year.....\$585,520 32

The earnings were \$154,415 31 more than the previous year, and the expenses decreased \$7,271 48, showing a net increase over the preceding year of \$161,686 74. The decrease in the ratio of working expenses has been 7.43 per cent as compared with the preceding year.

The interest on the first mortgage of the Pittsburg and Connellsville road is 7 per cent on \$4,000,000, namely \$280,000. After the payment of this amount from the net earnings it will be noted that \$305,520 32 have been earned, which is applicable to the interest on the sterling loan of the Pittsburg and Connellsville road. The amount of this interest, including the interest on the sinking fund of that company, is \$379,262 40. It will thus be seen that with this gratifying improvement the Pittsburg and Connellsville Company not only has earned the interest on its first mortgage bonds, but within \$73,742 08 of the entire interest upon the sterling bonds issued by it also. The large development of important interests upon its road and branches, and the heavy business of the great manufacturing and commercial centre, Pittsburg, its present terminus, promise a continuance not only of equal, but of steadily improving results.

#### BALTIMORE AND OHIO AND CHICAGO RAILROAD COMPANIES.

The earnings of these companies, known as the Chicago Division of the Baltimore and Ohio Railroad Company, for the fiscal year were \$1,057,558 98. And the working expenses for the same period.....628,010 57

The surplus credited to the account of this division is.....\$429,548 89

The working expenses being 59.39 per cent.

The earnings were \$99,868 36 more than in the previous year, whilst the expenses decreased \$208,404 54, showing a net increase compared with the previous year of \$306,268.

The rapid improvement of the business upon this valuable line meets the expectations formed in regard to it based upon its singular directness, low grades, excellent character of the country through which it passes, and the important centres of traffic which it so effectively reaches. As the interest paid upon the five per cent sterling loan of \$1,600,000 taken for account of this company amounted during the past year, including the premium on gold, to \$397,895 71, the line already shows its ability to pay from its net earnings more than the entire sum, exclusive of taxes. The taxes paid for these companies, \$52,189 98, being deducted from the earnings, \$429,548 89, leave \$377,358 41, which sum has been credited to the interest account of the Main Stem, in which is charged the interest and premium on gold paid for the Baltimore and Ohio and Chicago Railroad Companies' sterling five per cent loan of 1927. Whilst this powerful line commands a heavy trade for the Baltimore and Ohio road and its trans-Ohio divisions, it adds immensely to the resources of Baltimore and to the strength of its commercial position, and promises to realize in the future results that will fully approve the wisdom of its construction.

Improved results are shown on the following lines worked by this company:

	Net earnings in 1878.	Net earnings in 1877.	Increase in 1878.
Parkersburg Branch.....	\$186,023 20	\$115,669 52	\$70,353 68
Wheeling, Pittsburg and Baltimore Railroad.....	4,821 48	4,738 70	82 78
Pittsburg Division.....	686,520 32	438,838 68	247,681 64
Central Ohio Division.....	266,447 93	149,287 51	117,160 42
Straitsville Division.....	50,749 27	50,627 33	121 94
Chicago Division.....	429,548 89	138,280 39	291,268 50
	\$1,522,110 54	\$862,676 06	\$659,434 48

A decreased result is shown on the Lake Erie Division, as follows:

Net earnings 1877.....	\$249,556 45
Net earnings 1878.....	234,227 31

Decrease in 1878.....\$15,329 14

The rental of the Sandusky, Mansfield and Newark road (Lake Erie Division) is \$176,350 99 per year. The excess of net earnings over the rental is \$69,877 81, which has been credited in the interest account of the Main Stem on account of advances made for the permanent improvement of that road.

The extensive and liberal arrangements heretofore made in constructing piers, docks, elevators, warehouses and all practicable and economic facilities for the protection and promotion of the interests of steamships and sailing vessels, have attracted a great increase of tonnage to the port of Baltimore. The vessels entered and cleared



for the year ended September 30, 1876, embraced 2,815,481 tons, whilst for the same period of 1877 the tonnage was 1,734,670, showing an increase of 580,811 tons, equal to 83 48-100 per cent.

The board expresses with pleasure their appreciation of the successful management of the business of the company through the faithfulness and efficiency of the officers and employes in all departments of the service.

By order of the board,

JOHN W. GARRETT, President.

#### Railroad and Manufacturing Notes.

The Washington and Ohio Railroad Company has received 100 tons of new iron rails, which will be used to replace those along the line which have worn out.

The Pittsburg and Lake Erie Railroad, which is now nearing completion, will connect north of the first named place with forty-nine rolling mills and blast furnaces.

The Eggemoggin Silver Mining Company of Maine has leased its mine and smelting works at Sedgewick for a term of twenty years, and the Van Wyck Smelting Company of New York will hereafter take charge of the entire works. This company owns the celebrated Perth Amboy Smelting Works in New Jersey.

The Pennsylvania Coal Company have completed a forty ton Barker train scale at their immense pockets on the Lehigh and Susquehanna Railroad at Pleasant Valley.

At the railroad shops at Reading, Penn., a new six-wheeler coal dust burning engine has just been sent out. The building of coal-dust burner passenger engines is being carried on extensively.

A contract has been made with the Philadelphia and Reading Coal and Iron Company to supply rails, etc., to lay a branch road from Landisville, Lancaster county, Penn., to Chiques Furnaces in the same county.

In the iron and steel works of Pittsburg and Allegheny county, Penn., there are 804 ordinary single puddling furnaces. In the rolling mills in Pennsylvania there are 2,187 such furnaces.

There are cheering reports from the iron workers of Trenton, N. J., and the prospects of a busy season are bright. The rolling mill is now running on full time, and their orders for work seem to increase as the winter comes on.

#### Activity in the Iron Trade.

The Philadelphia Record says that the iron operators of the State of Pennsylvania speak in encouraging terms of the outlook for their industry, and then adds:

On every hand there are signs that the prolonged stagnation is to be succeeded by a period of great activity. Furnaces which have long been idle have now their fires lighted and accumulated stocks are going off at a lively rate. Pig iron is largely in demand, and large orders for all classes of iron are coming in from all parts of the country.

Ten thousand tons of pig iron have just been sold from the Catasauqua furnaces at an advance in price. The Riney furnace has relit another stack in order to cope with its orders. The Thomas iron company, at Hoboken, has also blown in an additional stack.

An improved state of affairs is reported from Pittsburg and its vicinity. Of the twelve furnaces in the city eight of the largest are in blast. The production of these is stated to be the largest ever known. Three new furnaces are to be built by the Edgar Thomson Steel Works, and another by the Cambria Iron Company. The latter corporation are also about to put in blast one of their

old furnaces, which has been idle for several years. Schuylkill county is feeling the effects of the revival. The Pottsville Spike and Bolt Works are filling an order for six miles of portable railway track for Cuba; Potts' Orchard Iron Works are building several engines; Allison's Franklin Iron Works, at Port Carbon, are busy on Western orders; the Atkins Brothers are putting in a new 400-horse power engine at their Fishbach Rolling Mills, and propose to extend their works both in the form of new buildings and new departments; the Coatesville Mills are running on full time, and are unable to keep up with orders.

Work is brisk through the Lehigh and Lebanon Valleys. The Thomas Iron Company have sold 1,000 tons of iron on private terms. Orders have been given out for 1,000 tons of North River iron and 400 tons of Crane iron, to be delivered previous to the closing of navigation. A car load of plate iron has just been shipped from the Lebanon rolling mill to San Francisco.

#### Smoke-Burning Furnace.

Dr. S. G. CLARK, of Cleveland, Ohio, has patented a Smoke Burning Furnace, which the Cleveland Steel Casting Co. say saves forty per cent in their coal bills, and of which the Trade Review gives the following description:

At the rear of the grate bars is a small auxiliary furnace with grate and ash-pit. Over this rear furnace is thrown an arch of fire brick, the base of the arch resting against the bottom of the boiler. The coal is fed in the usual way at the front of the furnace; as the smoke is burned off the incandescent coal is gradually moved back toward the rear of the grate bars, where it falls with the cinder into the rear furnace, where sufficient air is admitted to cause a most intense heat immediately under the arch, where all the smoke and gases are instantly decomposed. The advantages of this furnace are, a perfect combustion, freedom from smoke, and consequently a saving of fuel. The fire is at all times in a bright and lively condition, and evenly distributed over the grate bars. There is no necessity of drawing the fires to remove the ashes and clinker, as this is all deposited in the rear furnace, where it is easily disposed of without disturbing the fire on the grate bars. Also the heat is equally distributed over the bottom of the boiler, the most intense heat being in the rear furnace, immediately under the arch, and the farthest from the bottom of the boiler. There being but little smoke, there will be no deposit of soot or dirt in the flues.

#### Foreign Finance, etc.

The Rothschilds of London and Paris have introduced a new Egyptian Loan of \$41,000,000 on the English and Continental money markets. The Bonds bear interest at five per cent, and are offered at 73, rendering the interest equivalent to \$6 85 per cent on the selling price. As this financial operation is the first of the series which will naturally result from the protectorate which England has established over the Turkish Empire and its dependencies, the nature of its reception by the investing public will be regarded with great interest as indicating in great measure the sympathy or the antagonism of the commercial classes with respect to the aggressive tendencies of British policy in Eastern matters.

The loan, though under no formal guarantee of the British or French Governments, is secured by the public domain recently transferred by the Khedive to the Treasury, the revenue of which is administered by a commission of three, one appointed by England, another by France and the third by Mr. Rivers Wilson, the Egyptian Minister of Finance. The American public have an interest in the success of this and kindred loans so far as

they represent an investment of surplus capital which might otherwise have been made available in developing American enterprises.

The enormous export of American farm produce to England is causing a general depression in the value of land in that country. Mr. Caird, the great agricultural authority there states that the produce of wheat in England has steadily declined during the last ten years. On the other hand farm labor has become much dearer and a decline in rents is the inevitable effect of the combined causes. The annual rental by the last Income Tax return is \$335,000,000, an apparent increase of ten million dollars in the last ten years, but an actual decrease when compared with the diminished purchasing power of the precious metals. The adaptation of our steam machinery to the more economical use of fuel has become a most important factor in diminishing the cost of transportation of grain and other food and has intensified the competition between the American and the English farmer in the market which would seem naturally to belong to the latter.

#### Boston and Providence Railroad.

The annual meeting of the stockholders of the Boston and Providence Railroad Company was held in Boston on the 20th inst., at which the annual report of the directors was presented showing that the balance carried to profit and loss account amounted to \$293,358 88.

The report of the Auditing Committee was submitted by William G. Russell, Esq., and the same committee, consisting of William G. Russell, William Smith and John A. Hawes, was appointed for the ensuing year.

The President commented upon various items in the report of the directors. The expenses have been constantly decreased as far as practicable. The transportation of coal has been 17,000 tons less than the quantity carried in 1877, and a similar falling off in this item of business has been reported by other railroads.

In the coming year a great saving will be made in the bridge account, and the estimate made in the annual report for the maintenance of way will hold good for the next six or eight years.

An election of seven directors was held and resulted in the unanimous choice of the following gentlemen, the Board of last year: Henry A. Whitney, Thomas P. I. Goddard, J. Huntington Wolcott, William R. Robeson, Francis M. Weld, Joseph W. Balch, Royal C. Taft. The meeting was then dissolved.

At a subsequent meeting of the directors Henry A. Whitney, Esq., was re-elected President; B. B. Torrey, Treasurer; and A. A. Folsom, Superintendent.

The Continental (Paris) Gazette says that Mr. Quintard, a representative of the Philadelphia and Reading Railroad Co. at the Paris Exposition, has been very successful in developing a European market for American anthracite coal. Italy and Switzerland promise to be the largest customers, large orders having been given by both countries.

Track laying has commenced on the Cincinnati and Eastern (narrow gauge) branch south of New Richmond, Ohio, on the Ohio river,



## RAILROAD EARNINGS—MONTHLY.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
<b>Atchison, Top. &amp; San. Fe:</b>													
1875.....	68,659	73,410	104,051	112,474	107,644	104,437	113,450	152,215	147,552	199,926	178,953	152,584	1,520,359
1876.....	117,417	144,132	180,246	197,996	219,370	186,641	198,851	248,138	265,593	297,958	225,793	204,447	2,486,589
1877.....	134,864	136,350	189,130	200,681	189,915	185,731	187,142	255,572	291,414	342,822	335,078	246,778	2,679,106
1878.....	174,598	184,985	306,000	290,500	291,500	251,000	330,000	467,000	421,000	445,000	.....	.....	.....
<b>Burlington, Cedar Rapids and Northern:</b>													
1877.....	73,964	68,094	73,194	72,435	71,605	69,357	73,309	113,625	194,226	171,333	138,955	129,554	1,249,880
1878.....	165,411	147,196	125,141	115,277	139,490	101,014	95,007	104,444	138,897	141,619	.....	.....	.....
<b>Central Pacific:</b>													
1875.....	963,939	906,159	1,136,263	1,366,984	1,799,469	1,738,370	1,536,325	1,553,014	1,567,622	1,615,974	1,513,836	1,338,909	17,021,016
1876.....	994,339	1,017,204	1,184,683	1,427,035	1,757,415	1,646,270	1,541,223	1,696,154	1,871,876	1,883,066	1,675,532	1,424,317	18,146,944
1877.....	1,170,615	945,171	1,245,373	1,438,659	1,554,652	1,484,232	1,391,867	1,362,000	1,441,293	1,896,382	1,597,000	1,347,000	16,676,107
1878.....	1,126,000	974,000	1,224,410	1,510,000	1,574,000	1,460,000	1,517,000	1,706,000	1,831,000	1,834,000	.....	.....	.....
<b>Chicago and Alton:</b>													
1875.....	319,928	328,219	363,627	367,956	351,004	382,233	387,445	411,960	490,283	489,019	395,779	369,311	4,656,764
1876.....	305,597	346,850	355,527	364,000	423,645	451,083	403,671	510,795	524,244	532,668	367,898	374,351	4,960,529
1877.....	351,608	335,047	345,454	339,385	311,266	358,982	305,927	491,728	480,933	445,597	391,616	316,799	4,464,343
1878.....	316,711	298,966	357,297	335,999	357,365	349,505	435,256	563,728	447,125	480,869	.....	.....	.....
<b>Chicago and Northwestern:</b>													
1875.....	825,469	671,784	970,064	1,024,389	1,164,459	1,052,890	1,257,892	1,099,634	1,206,806	1,409,168	1,196,333	933,339	12,811,227
1876.....	808,842	854,627	944,450	1,091,978	1,090,752	1,263,087	1,035,524	1,204,715	1,204,072	1,433,957	1,144,319	926,852	12,631,174
1877.....	730,602	722,367	812,080	867,603	940,978	928,885	934,888	1,141,310	1,559,368	1,471,214	1,138,119	928,748	12,176,162
1878.....	997,780	1,004,194	994,864	1,138,474	1,346,003	.....	.....	.....	1,315,796	1,566,858	.....	.....	.....
<b>Chicago, Burl. &amp; Quincy:</b>													
1877.....	876,835	871,768	888,065	960,198	917,447	957,734	899,300	1,330,249	1,363,310	.....	.....	.....	.....
1878.....	1,045,467	911,150	1,169,831	1,118,736	1,275,516	897,090	946,427	1,632,207	1,382,123	.....	.....	.....	.....
<b>Chicago, Mil. &amp; St. Paul:</b>													
1875.....	466,101	323,273	502,765	639,669	718,465	742,169	842,395	630,516	741,206	974,262	927,030	747,893	8,255,744
1876.....	527,546	517,112	567,644	650,961	819,562	877,693	685,270	569,775	645,831	817,259	765,230	610,288	8,054,171
1877.....	375,554	403,882	468,570	514,783	607,141	598,223	555,610	677,050	1,178,999	1,183,134	892,027	669,921	8,114,894
1878.....	706,000	668,000	663,000	785,000	799,000	636,000	648,000	523,000	677,000	823,000	.....	.....	.....
<b>Clev., Col., Cin. &amp; Ind.:</b>													
1875.....	277,140	255,239	301,666	304,424	303,689	285,947	291,386	306,105	393,550	364,738	367,295	333,038	3,774,217
1876.....	296,258	329,321	299,675	297,596	315,950	320,793	263,177	335,595	367,601	333,298	282,631	234,343	3,676,459
1877.....	229,388	252,245	257,214	292,778	291,483	287,131	226,990	355,271	321,367	335,975	297,056	287,458	3,434,356
<b>Denver and Rio Grande:</b>													
1877.....	43,270	40,182	49,944	51,400	68,052	57,502	74,276	84,572	78,737	83,157	.....	.....	.....
1878.....	60,015	55,065	64,300	80,927	87,005	90,350	121,574	120,651	112,620	122,863	.....	.....	.....
<b>Hannibal &amp; St. Joseph:</b>													
1875.....	94,532	116,286	138,779	147,439	125,890	122,455	113,131	153,068	154,634	173,911	169,639	151,709	1,661,473
1876.....	142,968	156,111	174,335	148,573	141,289	141,426	138,087	171,381	187,575	188,976	178,401	158,812	1,927,933
1877.....	122,796	132,961	157,217	186,966	162,719	165,449	129,781	184,210	211,917	220,000	174,749	136,492	2,014,867
1878.....	132,148	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Illinois Central:</b>													
1874.....	593,998	517,674	561,793	596,962	672,334	692,416	637,454	711,969	758,536	838,307	668,943	680,435	7,900,721
1875.....	591,031	481,681	595,519	610,459	604,881	602,505	715,899	613,446	718,101	816,508	773,092	679,434	7,802,556
1876.....	553,574	577,702	580,004	530,269	606,134	666,125	494,529	600,179	616,292	707,988	575,308	532,867	7,040,969
1877.....	460,656	459,123	477,102	430,557	464,523	482,162	474,086	666,609	791,512	791,912	597,060	544,543	6,639,845
1878.....	592,680	500,027	542,471	532,352	594,168	536,110	589,863	660,697	615,629	632,236	.....	.....	.....
<b>Kansas Pacific:</b>													
1877.....	180,240	181,094	230,284	258,198	250,507	253,652	274,362	304,842	346,661	395,361	.....	.....	.....
1878.....	198,640	172,995	275,282	279,468	281,491	223,523	291,634	390,998	403,307	448,514	.....	.....	.....
<b>Lake Shore &amp; Mich. South'n:</b>													
1874.....	1,569,750	1,363,355	1,491,280	1,518,122	1,373,678	1,335,319	1,225,831	1,414,819	1,532,602	1,589,497	1,335,892	1,365,986	17,146,131
1875.....	1,163,564	1,037,518	1,287,941	1,275,664	1,100,142	1,055,699	1,079,808	1,178,324	1,306,826	1,392,487	1,275,955	1,280,371	14,434,199
1876.....	1,097,272	1,095,529	1,193,734	1,179,898	1,178,639	1,142,228	1,020,615	1,197,992	1,350,984	1,318,194	1,122,314	1,051,777	13,949,177
1877.....	885,942	980,970	1,192,162	1,181,478	1,153,821	1,066,795	788,380	1,226,875	1,287,878	1,364,595	1,146,761	1,229,502	13,505,159
<b>Michigan Central:</b>													
1877.....	464,052	512,472	534,213	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1878.....	543,877	510,136	578,432	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Mo., Kan. &amp; Texas:</b>													
1876.....	256,459	254,722	245,814	214,788	212,928	233,126	224,308	294,361	324,144	335,275	324,856	296,466	3,217,277
1877.....	237,032	235,308	247,505	221,656	231,307	258,123	253,125	323,347	307,179	329,531	274,184	256,021	3,174,320
1878.....	217,029	181,118	236,546	206,756	206,757	207,514	219,926	294,835	330,235	349,596	.....	.....	.....
<b>Missouri Pacific:</b>													
1877.....	265,903	265,339	330,120	339,169	.....	.....	.....	.....	.....	.....	.....	.....	.....
1878.....	294,811	279,666	362,772	334,535	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Philadelphia and Reading:</b>													
1874.....	683,128	737,381	1,190,328	1,321,509	1,433,450	1,373,229	895,453	1,066,632	1,468,807	1,857,429	1,375,639	958,136	14,361,121
1875.....	447,172	417,644	575,740	650,270	689,193	917,514	1,555,974	1,631,339	1,656,258	1,722,954	1,438,733	938,030	11,240,891
1876.....	619,631	553,201	696,430	1,323,978	1,312,267	970,456	922,449	1,110,772	1,227,469	1,386,199	1,166,628	793,106	12,082,586
1877.....	711,730	673,036	851,991	1,160,893	1,151,795	1,027,314	917,228	1,248,716	1,331,582	1,330,857	934,658	1,206,434	12,556,239
1878.....	610,768	482,238	655,991	903,765	1,101,497	1,267,374	854,164	1,217,543	674,113	1,205,373	.....	.....	.....
<b>St. Louis, I. Mt. &amp; South'n:</b>													
1876.....	327,190	312,116	295,000	273,002	264,900	252,643	252,831	274,160	354,914	437,901	450,332	486,300	3,980,591
1877.....	377,203	352,407	350,778	287,903	289,686	274,164	277,320	374,165	421,605	510,812	452,946	522,106	4,496,217
1878.....	389,400	341,900	349,900	287,200	270,329	253,600	290,200	359,100	416,800	577,200	.....	.....	.....
<b>St. Louis, Kans. C. &amp; North'n:</b>													
1875.....	212,506	192,946	245,495	217,246	191,903	175,789	151,813	248,655	243,695	260,363	235,176	268,246	2,643,833
1876.....	246,099	282,879	271,230	236,237	236,082	229,338	218,479	255,535	232,990	328,124	282,511	264,059	3,143,666
1877.....	240,316	232,761	277,943	264,020	237,178	171,856	193,928	302,026	321,180	347,940	313,176	249,637	3,147,173
1878.....	264,289	234,661	299,825	248,522	258,132	205,733	237,629	309,103	321,362	347,172	.....	.....	.....
<b>Toledo, Peoria and Warsaw:</b>													
1875.....	71,437	61,809	72,805	74,809	70,592	77,963	89,402	113,018	123,894	12			



## AMERICAN RAILROAD BOND LIST.

Asterisk (\*) affixed to rate of Interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Adirondack:							Blue Ridge, (S. Car.):						
1st Mortgage.....	940,000	7	Jan. & July.	New York.	1886	....	1st Mort., guar. by State (gold) ..	4,000,000	7*	Jan. & July.	Charleston.	1898	....
Alabama and Chattanooga:							Boston and Albany:						
1st Mortgage, guar. by Ala.....	5,200,000	8*	Jan. & July.	New York.	1889	....	Currency bonds of Feb. 1, 1872.	5,000,000	7	Feb. and Aug.	Boston.	'91-'92	118
Receiver's Bonds.....	1,200,000	7	.....	"	.....	.....	Loan of 1875.....	2,000,000	8	Jan. & July.	"	1895	108 1/2
Alabama and Georgia:							Boston, Clinton and Fitchburg:						
1st Mortgage, guar. by Ala. & Ga.	16,000,000	8	Jan. & July.	New York.	1891	....	1st Mortgage (Agricultural Br.).....	400,000	6	Jan. & July.	Boston.	1884	88
Alabama Central:							1st Mortgage (Qualification).....	300,000	7	"	"	1889	92
1st Mortgage.....	1,600,000	8	Jan. & July.	New York.	1901	....	1st Mortgage (Consolidation)....	252,000	7	"	"	1890	96
Albany and Susquehanna:							Equipment Mortgage.....	570,000	8	Apr. and Oct.	"	1881	90
1st Mortgage.....	1,000,000	7	Jan. & July.	New York.	1888	111 1/2	Boston, Concord and Montreal:						
2d Mortgage.....	2,000,000	7	April & Oct.	"	1885	100	Sinking Fund Mortgage.....	624,000	6	Jan. and July.	Boston.	1889	92
3d Mortgage.....	253,000	7	May & Nov.	"	1881	.....	Consol. Mortgage for \$2,000,000.	1,224,000	7	Apr. and Oct.	Boston.	1893	104 1/2
Albany Loan.....	983,900	8	"	"	1895	.....	367,200	6	"	"	1890	.....	
Cohoes, M. (guar. by U. & H. Co.)	1,595,000	7	April & Oct.	"	1906	.....	Boston, Hartford and Erie:						
Alexandria and Fredericksburg:							1st Mortgage (old).....	273,000	7	Mar. and Sept.	Boston.	1884	.....
1st Mortgage.....	1,000,000	7	June & Dec.	Philadelphia.	1896	.....	1st Mortgage (Berdel).....	15,000,000	7	Jan. and July.	New York.	1900	27 1/2
Allegheny Valley:							1st Mortgage, guar. by Erie.....	5,000,000	7	"	"	1900	30
General Mortgage.....	3,967,000	7 1/2	Jan. & July.	New York.	1896	107 1/2	Masa. L. (sec'd by \$4,000,000 Ber.)	3,600,000	7*	"	Boston.	1899	.....
Special Mortgage to Penn.....	3,500,000	5	January.	Harrisburg.	.....	.....	Boston and Lowell:						
1st M., E. Ext., guar. by Pa. R.R.	9,938,000	7	April & Oct.	Phil. or Lond.	1900	58 1/2	Bonds (Wharf Purchase).....	200,000	6	Apr. and Oct.	Boston.	1879	101 1/2
Funding Income (traffic guar.)	5,408,900	7	"	Pittsburg.	1894	22 1/2	Bonds of 1872 for \$1,000,000.....	999,500	7	"	"	1892	113 1/2
American Central:							Bonds of 1878.....	500,000	7	Mar. and Sept.	"	1895	114
1st Mort., guar. by C., B. & Q.	384,000	7	Jan. & July.	New York.	1878	100 1/2	Bonds of 1878.....	425,000	6	Jan. and July.	"	1896	108 1/2
Androscegin:							Boston and Maine:						
1st Mortgage (Bath Loan).....	425,000	6	Jan. & July.	Bath, Me.	1891	.....	Bonds of 1893 (coup. and reg.).....	3,200,500	7	Jan. and July.	Boston.	'93-'94	116
Arkansas Central (narrow gauge):							Boston and New York Air Line:						
1st Mortgage.....	1,200,000	7*	Jan. & July.	Lond. or Ama.	1891	.....	1st mortgage.....	500,000	7	Feb. and Aug.	New York.	1895	102 1/2
Ashtabula, Youngstown & Pitts.							Boston and Providence:						
1st Mortgage.....	1,500,000	7*	April & Oct.	New York.	1901	.....	Bonds to purchase P. W. & B. R. Rd.	500,000	7	Jan. and July.	Boston.	1893	115 1/2
2d Mortgage, Income.....	400,000	7	Jan. and July.	Pittsburgh.	1904	.....	Brunswick and Albany:						
Atchison and Nebraska:							1st Mort. (gold) end. by Ga. tax fr.	3,630,000	6*	Apr. and Oct.	New York.	1908	.....
1st Mortgage.....	3,750,000	8	March & Sept.	Boston.	1896	21	2d Mort. sinking fund gold.....	2,350,000	7*	"	"	1893	.....
Atchison, Topeka and Santa Fe:							Buffalo, Bradford and Pittsburg:						
1st Mortgage (gold).....	7,041,000	7*	Jan. & July.	New York.	1899	103	General Mortgage.....	580,000	7	Jan. & July.	New York.	1896	.....
Land Grant Mortgage (gold).....	3,368,000	7*	April & Oct.	Boston.	1900	106 1/2	Buffalo, Coey and Pittsburg:						
1st Mort. (Wichita Br.) traf. guar.	412,000	7*	Jan. & July.	"	1902	.....	1st Mortgage.....	700,000	7	Jan. and July.	New York.	1886	.....
Pottawatomie Land Grant.....	439,900	7*	May & Nov.	N. Y. or Bos.	1879	.....	Buffalo and Erie:						
Consol. Second Mort. (gold).....	3,385,000	7*	April & Oct.	"	1903	103	Mort. bonds (ass'd by LS & MS)	200,000	7	Jan. and July.	New York.	1882	.....
Land Income bonds.....	480,500	12	Jan. & July.	Boston.	.....	.....	Mort. bonds ( " " )	300,000	7	March & Sept.	"	1886	.....
Atlanta and Richmond Air Line:							Mort. bonds ( " " )	2,844,000	7	Apr. and Oct.	"	1892	111 1/2
1st Mortgage (guar. by Georgia)	4,245,000	8	Jan. & July.	New York.	1906	50	Buffalo and Jamestown:						
Atlantic and Great Western:							Mortgage.....	1,000,000	6*	.....	New York.	1902	.....
1st Mortgage (gold).....	14,922,200	7*	Jan. & July.	N. Y. or Lond.	1902	.....	Buffalo, New York and Erie:						
2d Mortgage (gold).....	10,173,679	7*	March & Sept.	"	1902	.....	1st Mortgage Renewal Bonds..	2,380,000	7	June & Dec.	New York.	1915	110
3d Mortgage (gold) Income.....	28,783,000	7*	May & Nov.	"	1902	.....	Buffalo, New York & Phila.:						
Atlantic and Gulf:							1st Mortgage.....	2,296,000	6*	Jan. & July.	New York.	1896	93
Consolidated 1st Mortgage.....	2,310,200	7	Jan. & July.	New York.	1887	38	2d Mortgage.....	281,500	10	"	"	1893	.....
1st Mortgage (S. Ga. & Fla. R.R.)	464,000	7	May & Nov.	"	1888	.....	Burlington Cedar Rapids & Nor.						
2d Mortgage (S. Ga. & Fla. R.R.)	200,000	7	"	"	1889	.....	1st Mortgage.....	6,500,000	5	June & Dec.	New York.	1906	71
Atlantic and Lake Erie:							1st Mort. (Minn. & St. Louis).....	150,000	7*	Jan. & July.	"	1911	.....
1st Mort. (gold) for \$5,000,000.	.....	7*	Jan. & July.	New York.	1901	.....	Burlington and Missouri River:						
Atlantic, Miss. and Ohio (428 m.):							Land and R. R. Mortgage.....	4,633,250	7	April & Oct.	N. Y. & Bos.	1893	112
1st Mortgage for \$15,000,000.....	5,470,000	7*	April & Oct.	New York.	1901	.....	Stock (common) Bonds.....	286,400	8	April & Oct.	N. Y. & Bos.	1879	106
2d Mort. to State (no int. till '80).	4,000,000	.....	.....	"	.....	.....	Stock (common) Bonds.....	272,000	8	Jan. & July.	"	1894	106
Atlantic and Pacific:							Stock (common) Bonds.....	270,500	8	"	"	1889	.....
Land Mortgage gold bonds.....	2,829,000	6*	Jan. & July.	New York.	1888	.....	Burlington and Mo. Riv. in Neb.:						
2d Mortgage for \$3,000,000 (gold)	2,015,506	6*	May & Nov.	"	1891	.....	1st Mortgage convertible.....	5,827,000	8	Jan. & July.	N. Y. & Bos.	1894	116
1st Mort. (So. Pac. R.R.) assumed	1,188,500	6*	Jan. & July.	"	1888	51	Bonds convertible until 1892.....	600,000	8	"	Boston.	1883	113
1st Mort. (Central Div.) gold.....	1,190,000	6*	May & Nov.	"	1891	.....	Consolidated Mortgage.....	.....	6	.....	.....	.....	.....
1st Mort. (Central Div.) L. G.....	794,000	6*	"	"	1901	.....	Burlington and Southwestern:						
Equipment Bonds.....	755,000	10	June & Dec.	"	1883	.....	1st Mortgage (\$20,000 per mile).	1,800,000	8	May & Nov.	Boston.	1891	13
Income Bonds (for funding).....	529,600	6*	"	"	1883	.....	Cairo and Fulton (Arkansas):						
Land Debentures.....	400,000	10	J. A. J. & O.	"	1884	.....	1st Mort. (R. R. and lands) S.F.	8,000,000	7*	Jan. & July.	New York.	1891	.....
Atlantic and St. Lawrence:							Cairo and St. Louis (3 ft. gauge):						
Sterling bonds (not Mort.) of 1853.	484,000	6*	May & Nov.	London.	1878	.....	1st Mortgage.....	2,500,000	7	April & Oct.	New York.	1901	.....
2d Mortgage (sterling) of 1864.....	1,800,000	6*	April & Oct.	"	1884	.....	Cairo and Vincennes:						
3d Mortgage (sterling) of 1871.....	713,000	6*	May & Nov.	"	1891	.....	1st Mortgage, gold.....	3,500,000	7*	April & Oct.	N. Y. & Lond.	1909	.....
Portland City Bonds, 1st M., S. L.	787,000	6	"	Portland.	1886	.....	2d Mortgage.....	1,500,000	7*	Jan. & July.	"	1898	.....
Bald Eagle Valley:							California Pacific:						
1st Mortgage.....	354,000	6	Jan. & July.	Philadelphia.	1881	.....	1st Mortgage, sinking fund.....	2,250,000	7*	Jan. & July.	New York.	1889	.....
2d Mortgage.....	100,000	7	"	"	1884	.....	Extension, or 2d Mortgage.....	3,500,000	7*	"	"	1889	.....
Baltimore and Ohio:							2d Income, or double track b'ds	1,600,000	6*	Jan. & July.	.....	1891	.....
Loan of 1850-'80.....	579,500	6	Jan. & July.	Baltimore.	1880	102 1/2	Camden and Ambay:						
Loan of 1853-'86.....	1,710,000	6	April & Oct.	"	1885	106	Loan of 1883.....	1,700,000	6	Feb. & Aug.	Philadelphia.	1883	104 1/2
Loan of 1855-'90 (Balt.) skg fd.....	3,151,122	6	Jan. & July.	"	1890	.....	Loan of 1889.....	866,000	6	June & Dec.	Princeton.	1889	102
Loan of 1870-'95 (stk.) skg fund.	3,273,956	6*	March & Sept.	London.	1895	.....	Mortgage Loan of 1889.....	5,000,000	6	May & Nov.	Philadelphia.	1889	102
Loan of 1872-1902 (stk.) S. F.....	9,029,852	6*	"	"	1902	.....	Sterling Loan, S. F. (\$282,000).	1,286,080	6*	Feb. & Aug.	London.	1880	.....
Loan of 1874-1910 (stk.) S. F.....	9,464,500	6*	May & Nov.	"	1910	.....	Camden and Atlantic:						
Baltimore and Potomac:							1st Mortgage.....	490,000	7*	Jan. & July.	Philadelphia.	1893	115
1st Mort. (Tunnel) gold guar....	1,500,000	6*	Jan. & July.	Baltimore.	1911	.....	2d Mortgage.....	500,000	7	April & Oct.	"	1879	102
1st Mortgage (R. R.) gold guar....	3,000,000	6*	April & Oct.	"	1911	.....	Camden and Burlington County:						
Bangor and Piscataquis:							Consolidated 1st Mortgage.....	350,000	6	Feb. & Aug.	Philadelphia.	1897	100 1/2
1st Mortgage (Bangor loan).....	600,000	6	April & Oct.	Boston.	1899	.....	Canada Southern:						
1st Mort. (Bangor loan) extens'n	120,000	7	"	"	1901	.....	1st Mort. (skg fd) g'd for \$9,000,000	9,000,000	7*	Jan. & July.	New York.	1906	.....
Bay City and East Saginaw:							Cape May and Millville:</						



## AMERICAN RAILROAD BOND LIST.

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Description of Bonds.	Amount.	Rate	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Oedar Rapids & Mo. Riv. (C. & N.W.)							Chicago, Iowa and Nebraska:						
1st Mortgage, 1st Div. \$10,000 p.m.	678,000	7	Feb. & Aug.	New York.	1891	106	2d Mort. (now 1st) guar. C. & N.W.	568,200	7	Jan. & July.	Boston.	1890	102
1st Mortgage, 2d Div. \$10,000 p.m.	582,000	7	"	"	1894	101	2d Mort. (now 2d) guar. C. & N.W.	211,500	7	Feb. & Aug.	New York.	1892	....
1st Mortgage, 3d Div. \$16,000 p.m.	2,400,000	7	May & Nov.	"	1916	107	Chicago and Lake Huron:						
Central Branch Union Pacific:							1st Mort. 1st series (Peninsular).	1,800,000	7	May and Nov.	N.Y. or Lond.	1899	....
1st Mort. (Atch. & Pike's Peak).	1,600,000	6	May & Nov.	New York.	1895	49	1st Mort. 2d series ( " )	2,000,000	7	"	"	1900	....
2d Mortgage Government's aid.	1,600,000	6	Jan. & July.	"	1895	....	1st M. (Port Huron & L. Mich.)	1,800,000	7	"	New York.	1899	....
Central of Georgia:							2d Mortgage (Peninsular).....	540,000	7	Feb. and Aug.	"	1891	....
General Mort. for \$5,000,000....	2,222,000	7	Jan. & July.	N.Y. & Savan.	1893	....	Consolidated Mortgage.....	12,000,000	6	"	"	1903	....
Macon & West. (Atlanta D.) b'ds	117,000	7	April & Oct.	Savannah.	1880	....	Chicago and Milwaukee Railway:						
Central of Iowa:							1st Mort. guar. by C. and N.W.	1,700,000	7	Jan. & July.	New York.	1898	108
1st Mortgage, gold, \$16,000 p.m.	3,700,000	7	Jan. & July.	New York.	1899	32	Chicago and Mich. Lake Shore:						
2d Mortgage, gold, \$4,000 p. m.	925,000	7	April & Oct.	"	1901	....	1st Mortgage.....	477,000	8	March & Sept.	Boston.	1899	....
Central of L. I. (Fish. N.C. & C.)							1st Mortgage.....	5,500,000	8	Jan. & July.	"	1890	110
1st Mortgage.....	1,275,000	7	May & Nov.	New York.	1889	....	1st Mortgage.....	1,850,000	8	May & Nov.	"	1891	....
Central of New Jersey:							1st Mortgage (on Branch).....	1,325,000	8	March & Sept.	"	1892	....
Convertible bonds of 1872.....	4,400,000	7	May & Nov.	New York.	1902	80	Chicago, Milwaukee and St. Paul:						
1st Mort. (New) for \$5,000,000.....	5,000,000	7	Feb. & Aug.	"	1890	114	1st Mort. (La Crosse Division).	6,600,000	7	Jan. & July.	New York.	1893	110
Newark Branch Bonds.....	600,000	7	Jan. & July.	"	1887	....	1st Mort. (Chic. and Mil. Div.)	2,500,000	7	Jan. & July.	"	1903	111
Loan of Loh. C. & Nav. Co. (and)	2,310,000	6	J. A. J. & O.	Philadelphia.	1897	....	1st Mort. (East. Div. Palmer).	....	8	May & Nov.	"	1874	....
Consol. Mort. for \$25,000,000.....	16,000,000	7	"	New York.	1899	87	1st Mort. (Iowa and Minn. Div.)	3,810,000	7	Jan. & July.	"	1897	108
Central Ohio (B. and O.):							1st Mort. (Minnesota Central).	190,000	7	"	"	1894	....
1st Mortgage guaranteed.....	2,500,000	6	March & Sept.	Baltimore.	1890	100	1st Mort. (St. Paul Division).	4,000,000	7	"	"	1902	106
Central Pacific of California:							1st Mort. (Iowa and Dak. Div.)	640,000	7	"	"	1899	97
Convertible 30 years bonds, gold.	25,883,000	6	Jan. & July.	New York.	'95-'98	107	1st Mort. (Prairie du Chien Div.)	3,674,000	8	Feb. & Aug.	"	1898	122
State Aid B'ds (Int. by State) gold.	1,483,000	7	"	"	1883	104	2d Mort. ( " )	1,815,000	7.3	"	"	1898	107
2d Mort. (Government Subsidy).	1,500,000	7	"	Sacramento.	1884	105	1st Mort. (Hast. and Dak. Div.)	213,000	7	Jan. & July.	"	1902	104
1st Mort. (Western Pacific) gold.	2,735,000	6	"	U.S. Treasury.	'95-'99	....	1st Mort. (Mil. and Western)...	234,000	7	Jan. & July.	"	1891	....
1st Mort. (Calif. & Oregon) gold.	8,000,000	6	"	New York.	1899	104	2d Mortgage.....	600,000	7	April & Oct.	"	1884	100
1st Mort. (S. Fr. Okla. & Ala.)	500,000	8	"	"	'83-'92	93	Equipment and Bridge Bonds.....	219,000	10	June & Dec.	"	1883	....
1st Mort. (San Joaquin V.D.) gold.	6,090,000	6	April & Oct.	"	1900	91	Consol. Mort. for \$35,000,000.....	5,861,900	7	Jan. & July.	"	1905	100
Land bonds (Cen. Pac. Co.) gold.	8,704,000	6	"	"	1890	92	Chicago and Northwestern:						
Central Vermont:							Preferred sinking fund (193 m.).	1,214,100	7	Feb. & Aug.	New York.	1885	109
1st Mort. Consol. (Vt. Central).	3,000,000	7	May & Nov.	Boston.	1886	124	General 1st Mortgage (193 m.) ..	3,477,800	7	"	"	1885	107
2d Mort. Consol. ( " )	1,500,000	7	June & Dec.	"	1891	2	Funded coupons (193 m.).....	708,600	7	May & Nov.	"	1883	105
1st Mort. (Stan., Sheff. and Ch.)	500,000	7	Jan. & July.	"	1887	28	Appleton Ext. (23 m. & 76,000 ac.)	116,000	7	Feb. & Aug.	"	1885	106
Income and Extension Bonds.....	1,008,600	8	May & Nov.	"	1902	27	Green Bay Ext. (26 m. & 76,000 a.)	255,000	7	"	"	1885	106
Equipment Mort. (Vt. Central).	1,000,000	8	"	"	'76-'77	40	1st Mort. (Gal. & Chi. U.) 248 m.	1,690,000	6	Jan. & July.	"	1882	....
Equipment Mort. ( " )	1,000,000	8	"	"	1889	26	Elgin and State Line.....	114,500	6	Jan. & July.	"	1878	....
Bonds, guar. (Vt. and Canada)	1,000,000	8	Jan. & July.	"	1891	26	Mississippi River Bridge.....	168,000	7	"	"	1884	....
Mississquoi R.R. ( " )	500,000	7	"	"	1891	....	1st Mortgage (Peninsula).....	272,000	7	March & Sept.	"	1898	110
Cent. Vt. (Vt. & Ca. Mort.) b'ds	3,000,000	6	March & Sept.	"	1904	....	Consol. skf fund (C. & N.W. R'y)	4,693,000	7	F. M. A. & N.	"	1915	112
Charleston and Savannah:							General Consol. Gold Bonds.....	12,343,000	7	June & Dec.	"	1902	106
1st Mortgage guar. by State.....	505,000	6	March & Sept.	Charleston.	1877	....	1st Mort. S. F. (Madison Exten.)	3,150,000	7	April & Oct.	"	1911	....
Funded Interest on 1st Mort.....	157,400	7	"	"	1889	....	1st Mort. S. F. (Menominee Ext.)	2,700,000	7	June & Dec.	"	1911	....
Charlotte, Columbia & Augusta:							1st Mort. (Chic. & Mil. R.W.) guar.	1,700,000	7	Jan. & July.	"	1898	....
1st Mortgage.....	1,810,500	7	Jan. & July.	New York.	1895	71	1st Mort. (Bel. & Mad. R.R.) guar.	249,000	7	"	"	1888	....
2d Mortgage.....	500,000	7	April & Oct.	Baltimore.	....		Chicago and Paducah (C. B. & Q.):						
Chartiers:							1st Mortgage \$25,000 p. m. gold.	2,304,000	7	Jan. & July.	Boston.	1903	....
1st Mort. guar. by Penna.....	500,000	7	April & Oct.	Philadelphia.	1901	92	Chl., Pekin & Southw'n (C.B. & Q.):						
Cheraw and Darlington:							1st Mortgage for \$10,000 per mile	700,000	8	Feb. & Aug.	New York.	1901	....
1st Mortgage dated Jan. 1, 1871.	141,000	8	April & Oct.	Charleston.	1888	....	Chicago, Rock Island and Pacific:						
2d Mortgage dated Jan. 1, 1869.	75,000	7	Jan. & July.	"	1888	....	1st Mortgage skg. fund.....	124,000	7	Jan. & July.	New York.	1896	....
Cherry Valley, Sharon and Alb.							Branch Bonds Sinking Fund.....	916,000	6	Feb. & Aug.	"	1895	109
1st Mort. con. guar. by A. & S. Co.	300,000	7	June & Dec.	New York.	1899	....	New Mort. bonds for \$12,500,000	8,920,000	6	Jan. & July.	"	1917	110
Chesapeake and Ohio:							Chl. & Southw'n (C. B. & Q.)						
1st M. (gold) skg. fd for \$15,000,000	15,000,000	6	May & Nov.	New York.	1899	27	1st Mort. gold, tax free, guar.....	5,000,000	7	May & Nov.	New York.	1889	....
1st Mort. Extension (con. or reg)	5,426,900	7	Jan. & July.	"	1902	....	1st Mortgage gold (Atchison Br.)	1,000,000	7	June & Dec.	"	1901	....
1st Mort. (Va. Cen.) guar. by Va.	100,000	6	"	"	1880	....	Chicago and Superior:						
2d Mort. ( " ) coupon.....	902,000	6	"	"	1884	....	1st Mortgage (Mad. & Portage) g'd	600,000	7	April & Oct.	New York.	1900	....
Income ( " ) coupon.....	300,000	8	"	"	1876	....	Chillicothe and Brunswick:						
Funded Interest, coupon.....	160,500	8	"	"	1877	....	1st Mort. guar. by St. L., K.C. & N.	500,000	8	Jan. & July.	New York.	1894	....
Cheshire:							Cincinnati, and Baltimore:						
Coupon bonds (no Mort.).....	813,700	6	Jan. & July.	Boston.	'77-'96	100	1st Mort. guar. by B. & O. & M. & O.	600,000	7	Jan. & July.	Baltimore.	1900	85
Chester Creek (Phil. & Balt. Cent.):							Cincinnati, Hamilton and Dayton:						
1st Mort. guar. by P. W. & B.	185,000	6	Jan. & July.	Philadelphia.	1903	....	1st Mortgage of 1863.....	1,248,000	7	May & Nov.	New York.	1880	101
Chester and Tamaroa:							2d Mortgage of 1865.....	498,000	7	Jan. & July.	"	1885	....
1st Mortgage.....	660,000	7	May & Nov.	New York.	1901	....	Consol. S. F. M. for \$3,000,000.	996,000	7	April & Oct.	"	1905	....
Chicago and Alton:							Cincinnati, Ham. & Ind. (C. H. & D.):						
1st Mortgage.....	2,400,000	7	Jan. & July.	New York.	1893	115	1st Mort. guar. for \$2,500,000...	1,546,000	7	Jan. and July.	New York.	1903	103
2d Mortgage Income.....	1,100,000	7	April & Oct.	"	1883	105	Cincinnati, Lafayette and Chi.						
Consol. Bonds (\$200 stg. each).	4,379,850	6	Jan. & July.	London.	1903	99	1st Mortgage.....	1,120,000	7	March & Sept.	New York.	1901	84
1st Mort. (St. L. & C.) assumed	564,000	7	April & Oct.	New York.	1894	104	Consolidated Mortgage.....	471,000	7	June & Dec.	"	1914	....
2d Mort. ( " )	188,000	7	Jan. & July.	"	1898	....	Cincinnati and Martinsville:						
1st Mort. (Louisiana and Mo.)	1,554,000	7	Feb. & Aug.	"	1900	....	1st Mort. guar. by I. C. & L. F.	400,000	7	Feb. & Aug.	New York.	1905	....
Chicago, Burlington and Quincy:							Cincinnati & Muskingum Valley:						
Trust Mortgage skg fund.....	3,570,000	8	Jan. & July.	New York.	1883	113	1st Mortgage.....	1,500,000	7	Jan. and July.	New York.	1901	....
Trust Mortgage, skg fund conv.	150,000	8	"	"	1883	....	Cincinnati, Richmond & Chicago:						
Trust Mortgage (Burl. to Peoria)	653,000	7	April & Oct.	"	1890	....	1st Mortgage guar. by C. H. & D.	560,000	7	Jan. and July.	New York.	1895	....
Loan of 1872.....	1,918,478	7	Jan. & July.	Boston.	1896	112	2d Mortgage	65,000	7	"	"	1889	....
Bonds of 1875, Sinking Fund.....	448,000	6	June & Dec.	"	1896	93	Cinc. Rich. & Ft. Wayne (G.R. & I.):						
Consol. Mortgage for \$30,000,000.	10,435												



AMERICAN RAILROAD BOND LIST.

Asterisk (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Cleveland and Pittsburg (Pa. Co.):	\$						Detroit & Bay City (Mich. Cent.):	\$					
Construction and Equip. bonds.	600,000	7	Jan. and July	New York.	1918		1st Mort. (\$424,000 guar.)	2,830,000	8	May and Nov.	New York.	1902	70
4th (now 3d) Mortgage guar.	1,090,000	6	"	"	1892	107 1/2	Detroit, Eel River and Illinois:						
Consol. sinking fund guar.	1,487,000	7	May & Nov.	"	1900	111 1/2	1st Mortgage for \$22,000 p.m.	1,061,000	8	Jan. & July.	New York.	1861	....
Clev., Painesville & Ashtabula:							2d Mortgage	500,000	7	May and Nov.	"	1884	....
Regist'd b'ds (ass'd by L.S. & M.S.)	1,000,000	7	Jan. & July.	New York.	1880	103 1/2	Detroit, Hillsdale and Indiana:						
2d Mortgage	1,000,000	7	April & Oct.	"	1892	109 1/2	1st Mort. \$16,000 p. m. guar.	1,170,000	8	June & Dec.	New York.	1907	....
Cleveland and Toledo:							2d Mortgage, (coupon) guar.	300,000	8	Jan. & July.	"	1881	....
1st Mort., a.s. (ass'd by L.S. & M.S.)	1,595,000	7	Jan. & July.	New York.	1885	110 1/2	Detroit, Lansing and Northern:						
2d Mortgage	849,000	7	April & Oct.	"	1886	107 1/2	1st Mortgage	1,997,000	7	Jan. & July.	Boston.	1907	108
Colebrookdale:							1st Mort. (Ionia and Lansing)	770,000	8	"	New York.	1889	....
1st Mort. guar. by Ph. and Rdg.	584,700	6	June & Dec.	Philadelphia.	1898	40	2d Mort. ( " )	81,000	8	May & Nov.	"	1890	....
Colorado Central (3 ft. gauge):							Detroit & Milwaukee (Gt. W. of Ca.):						
1st Mortgage	225,000	8 1/2	June & Dec.	Boston.	1890	....	1st Mortgage, (D. & M.R.R.)	2,500,000	7	May & Nov.	New York.	1875	....
Columbus, Chicago & Ind. Cent.:							2d Mortgage ( " )	1,000,000	8	"	"	1875	....
1st Mortgage Consol. skg fund.	15,344,750	7	April & Oct.	New York.	1908	54 1/2	1st Funded Coup. (D. & M.R.R.)	625,924	7	Jan. & July.	"	1875	....
2d Mortgage skg fund.	5,582,400	7	Feb. & Aug.	"	1909	54 1/2	2d Funded Coup. ( " )	375,784	7	May & Nov.	"	1875	....
Income convertible	3,893,000	7	"	"	1890	....	1st Mort. (Detr. & Pontiac R.R.)	160,000	7	April & Oct.	"	1878	....
1st Mort. (Chic. and Gt. Eastern)	461,000	7	April & Oct.	"	1893-95	....	2d Mort. ( " )	100,000	7	Jan. & July.	"	1878	....
2d Mort. ( " )	344,400	7	Jan. & July.	"	1890	....	3d Mort. ( " )	250,000	8	Feb. & Aug.	"	1886	....
1st Mort. (Cin. and Chi. Air-L.)	194,100	7	Feb. & Aug.	"	1890	....	Bonds of Sept. 1, 1866	110,000	7	March & Sept.	"	1886	....
1st M., a.s. ( " )	39,550	7	May & Nov.	"	1896	....	Bonds of June 30, 1866	1,702,317	6 1/2	Jan. & July.	"	1886	....
2d Mort. ( " )	2,632,000	7	Jan. & July.	"	1904	....	Detroit, Mon. & Tol. (L.S. & M.S.):						
1st M. (Col. & Ind.) 1st & 2d pref.	309,500	7	May & Nov.	"	1904	....	1st Mortgage Aug. 1, 1866	924,000	7	Feb. & Aug.	New York.	1908	109 1/2
2d Mortgage (Ind. Central)	666,500	7	Jan. & July.	"	1883	....	Dixon, Peoria and Hannibal:						
1st Mort. (Tol. Logan's p't & Bur.)	564,500	7	Feb. & Aug.	"	1882	....	1st Mort., guar. by C., B. and Q.	563,500	8	Jan. & July.	New York.	1889	101
Income ( " )	74,024	7	"	"	1905	....	Dubuque and Sioux City:						
1st Mort. (Union & Logansport)	815,000	7	April & Oct.	"	1905	....	1st Mortgage 1st div.	286,000	7	Jan. & July.	New York.	1883	104
Columbus, Springfield and Cin.:							1st Mortgage 2d division	686,000	7	"	"	1894	106
1st M. (assumed by Cin., S. & C.)	1,000,000	7	March & Sept.	New York.	1901	....	Dubuque Southwestern:						
Columbus and Hocking Valley:							1st Mortgage	450,000	7	April & Oct.	New York.	1883	....
1st Mortgage skg fund.	1,500,000	7	April & Oct.	New York.	1897	....	1st Mortgage, preferred	78,500	7	Jan. & July.	"	1883	....
1st M. on Branch (& 2d on main)	300,000	7	Jan. & July.	"	1880	....	Dunkirk, Allegheny Val. & Pittsb.:						
General Mortgage	634,000	7	"	"	1892	....	1st Mortgage (gold)	1,200,000	7 1/2	June & Dec.	New York.	1900	....
Columbus and Xenia:							Dutchess and Columbia:						
1st Mortgage, guar. by L.M.R.R.	302,000	7	March & Sept.	New York.	1890	....	1st Mortgage Jan. 1, 1868	1,500,000	7	Jan. & July.	New York.	1908	....
Connecticut and Passumpsic Riv.:							East Alabama and Cincinnati:						
New Mortgage for \$1,500,000	1,263,500	7	April & Oct.	Boston.	1893	104 1/2	1st Mort. endorsed by Alabama.	400,000	8	Jan. & July.	....	1890	....
Coupon Notes	123,000	7	June & Dec.	"	1891	100	East Brandywine & Waynesboro:						
1st Mort. (Massachusetts) guar. gold	400,000	6 1/2	Jan. & July.	"	1889	83 1/2	1st Mortgage guar. by Pa. R.R.	140,000	7	Jan. & July.	Philadelphia.	1885	....
Connecticut River:							East Pennsylvania (Ph. & Rdg.):						
1st Mortgage skg fund.	....	6	March & Sept.	Boston.	1878	....	1st Mortgage, guaranteed	405,900	7	March & Sept.	Philadelphia.	1888	104 1/2
Connecticut Valley:							East Tennessee, Virginia & Ga.:						
1st Mortgage	1,000,000	7	Jan. & July.	New York.	1901	....	1st Mort., skg fund for \$3,500,000	2,999,000	7	Jan. & July.	New York.	1900	100
Connecticut Western:							2d Mortgage	190,000	4	"	"	1892-97	....
1st Mortgage tax free	3,700,000	7	Jan. & July.	N. Y. & Bost.	1900	20	Endorsed Bonds (East T. & Va.)	147,000	6	May & Nov.	"	1886	....
Connecting (Philadelphia):							Endorsed Bonds (East T. & Ga.)	92,000	6	Jan. and July.	"	1886	....
1st Mort. A.B.C.D. & \$200,000 each	991,000	6	March & Sept.	Philadelphia.	1,234	107	Company Bonds (E.T. & Ga. old)	685,000	6	"	"	1876-86	....
Cooperstown and Susq. Valley:							Company Bonds ( " new)	135,400	6	"	"	1876	....
1st Mortgage	100,000	7	March & Sept.	New York.	1889	....	Eastern (Mass.):						
Cowanesque Valley:							1st Mort. (Essex R.R.) assumed.	194,400	6	March & Sept.	Boston.	1896	90
1st Mortgage, gold	95,000	7 1/2	Jan. & July.	New York.	1902	....	Loan of 1867	....	7	"	"	1887	....
2d Mortgage	100,000	7	May & Nov.	"	1882	....	Loan of 1868	....	7	"	"	1888-89	....
Cumberland & Penn. (Consol. Coal):							Loan of 1869	....	6	May & Nov.	"	1889	....
1st Mortgage	803,500	6	March & Sept.	New York.	1891	....	Ten year coupon notes	....	7	"	"	1892	....
2d Mortgage, sinking fund	648,000	6	May & Nov.	"	1888	....	Sinking Fund Bonds	....	7	May & Nov.	"	1894	....
Cumberland Valley:							Sterling Sink. Fd. Bonds	3,049,200	6 1/2	March & Sept.	London.	1893	....
1st Mortgage	161,000	8	April & Oct.	Philadelphia.	1904	....	Certif. of Indeb. Sept. 1, 1876	12,678,000	3 1/2	"	Boston.	1906	78 1/2
2d Mortgage	109,500	8	"	"	1908	....	Eastern Shore (Md.):						
Plain bonds	81,800	6	"	"	1884	....	1st Mortgage	400,000	6	Jan. & July.	Philadelphia.	1880	....
Danbury and Norwalk:							2d Mortgage	200,000	6	April & Oct.	"	1886	....
Mortgage Bonds of 1870	100,000	7	Jan. & July.	New York.	1880	....	Elizabethtown and Paducah:						
Mortgage Bonds of 1870	200,000	7	"	"	1880	....	1st Mortgage, convertible	3,000,000	8	March & Sept.	New York.	1890	....
Mortgage Bonds of 1872	300,000	7	"	"	1892	....	Elmira and Williamsport (N. Cen.):						
Danv., Hazleton & Wilkesbarre:							1st Mortgage guaranteed	1,000,000	7	Jan. & July.	Philadelphia.	1880	106 1/2
1st Mortgage	1,400,000	7	April & Oct.	Philadelphia.	1887	40	Income Mortgage guaranteed	570,000	5	April & Oct.	"	1882	98
2d Mortgage	800,000	7	"	"	1885	....	Erie Railway:						
Danv., Urb. Bloomington & Pekin:							1st Mortgage, extended	2,488,000	7	May & Nov.	New York.	1897	116
1st Mortgage	2,000,000	7 1/2	April & Oct.	New York.	1900	....	2d Mortgage	2,174,000	7	March & Sept.	"	1879	105
Davenport and St. Paul:							3d Mortgage	4,862,000	7	"	"	1883	107 1/2
1st Mort. gold skg fd \$20,000 p.m.	3,000,000	7 1/2	April & Oct.	New York.	1911	....	4th Mortgage convertible	2,937,000	7	April & Oct.	"	1880	103
Dayton and Michigan (O.H. & D.):							5th Mortgage convertible	709,500	7	June and Dec.	"	1888	110
1st Mortgage sinking fund guar.	1,846,000	7	Jan. & July.	New York.	1881	....	Buffalo Branch, 1st mortgage	182,900	7	Jan. & July.	"	1891	....
2d Mortgage, guar.	428,000	7	March & Sept.	"	1884	....	Sterling loan (\$1,000,000) conv.	4,457,714	6 1/2	March & Sept.	London.	1875	....
3d Mortgage, guar.	351,000	7	April & Oct.	"	1888	....	1st Consol. Mort. for \$30,000,000	12,078,000	7 1/2	"	NY & London.	1920	....
Toledo Depot bonds guar.	105,500	7	March & Sept.	"	1885-94	....	2d Consol. Mort. for \$40,000,000	14,400,000	7 1/2	June and Dec.	London.	1894	....
Dayton and Union:							Convertible bonds	10,000,000	7 1/2	J. A. J. and O.	London.	1903	....
1st Mortgage, registered	140,000	7	March & Sept.	New York.	1879	....	Erie and Pittsburg (Penn.):						
2d Mortgage	135,000	7	June & Dec.	"	1879	....	1st Mortgage	292,200	7	Jan. & July.	New York.	1882	....
Income Bonds	252,445	6	"	"	1879	....	2d Mortgage	92,800	7	April & Oct.	"	1890	....
Dayton and Western (L. M. R.R.):							Consolidated Mortgage	2,192,000	7	Jan. & July.	"	1898	91
1st Mortgage (assumed)	142,000	7	March & Sept.	New York.	1881	....	Equipment Mortgage	750,000	7	April & Oct.	"	1890	....
1st Mortgage ( " )	495,000	6 1/2	Jan. & July.	"	1905	....	European & N. American (Mo.):						
Decatur, Sullivan and Mattoon:							Bangor City Bonds (1st m. 55 m.)	1,000,000	6	Jan. & July.	Boston.	1894	....
1st Mortgage	500,000	8	March & Sept.	New York.	1901	....	1st L.M. (& 1st on 69, & 2d on 65m)	2,000,000	6 1/2	March & Sept.	New York.	1899	....
Delaware and Bound Brook:							Evansville and Crawfordsville:						
1st Mortgage													



## AMERICAN RAILROAD BOND LIST.

An Asterisk (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
<b>Florida</b>							<b>Huntingdon and Broad Top Mt.:</b>						
1st Mortgage conv. gold.....	2,300,000	7*	Jan. & July.	N. Y. & Lond.	1889	....	1st Mortgage gold.....	416,000	7*	April & Oct.	Philadelphia	1890	105
Flushing, North Shore and Cent.:							2d Mortgage.....	387,500	7*	Feb. & Aug.	"	1895	101
1st Mort. (Flushing and N. Side.)	800,000	7	May & Nov.	New York.	1889	....	Consolidated Mortgage.....	1,383,000	7	April & Oct.	"	1896	30
2d Mort. ( " )	400,000	7	"	"	1900	....	<b>Illinois Central:</b>						
1st Mort. (Central of L. I.).....	1,000,000	7	Mar. & Sept.	"	1902	....	Redemption bonds, currency....	2,500,000	6	April & Oct.	New York.	1890	...
1st Mort. (Cent. R. & Ext'n.).....	200,000	7	May and Nov.	"	1903	....	Sterling Bonds, \$500,000.....	2,500,000	6*	"	London.	1895	...
1st Mort. (North Shore).....	149,000	7	Feb. & Aug.	"	1885	....	Sterling Bonds, Sinking Fund....	4,504,000	5*	"	"	1903	...
1st Mort. (Whitestone & W.).....	93,000	7	Jan. & July.	"	1893	....	Sterling Bonds, \$200,000.....	1,000,000	5*	June & Dec.	"	1905	...
1st Mort. (N. Y. & Flushing).....	25,000	7	Mar. & Sept.	"	1880	....	<b>Illinois Grand Trunk (C. B. &amp; Q.):</b>						
<b>Fonda, Johnston &amp; Gloversville:</b>							1st Mortgage, guaranteed.....	900,500	8	April & Oct.	Boston.	1890	111
1st Mortgage.....	300,000	7	Jan. & July.	New York.	1890	....	<b>Indiana and Illinois Central:</b>						
<b>Fort Wayne, Jackson &amp; Saginaw:</b>							1st Mortgage gold.....	3,500,000	7*	Jan. & July.	New York.	1901	....
1st Mortgage, traffic guarantee....	1,500,000	8	Jan. & July.	New York.	1889	42	<b>Indiana North and South:</b>						
2d Mortgage (Equipment).....	500,000	8	April & Oct.	"	1881	....	1st Mort. (Nor. Div.) \$22,000 p.m.	1,700,000	7*	March & Sept.	New York.	1903	...
<b>Fort Wayne, Muncie &amp; Cin.:</b>							<b>Indianapolis, Blooming. &amp; West:</b>						
1st Mortgage.....	1,800,000	7*	April & Oct.	Boston.	1899	....	1st Mortgage gold.....	5,000,000	7*	April & Oct.	New York.	1909	24
2d Mortgage.....	500,000	8	"	"	1896	....	1st Mortgage Extension gold....	5,570,000	7*	Jan. & July.	"	1912	...
<b>Framingham and Lowell:</b>							2d Mortgage.....	1,500,000	8	"	"	1890	2
1st Mortgage.....	500,000	7	April & Oct.	Boston.	1890	80	<b>Indianapolis and Madison:</b>						
2d Mortgage.....	100,000	8	"	"	1883	89	1st Mort. assumed by J. M. & I.	397,000	7	May & Nov.	New York.	1881	....
<b>Frederick and Pennsylvania Line:</b>							<b>Indianapolis &amp; Vincennes:</b>						
1st Mortgage gold.....	150,000	6*	April & Oct.	Baltimore.	1901	....	1st Mortgage guar. by Pa. R. R.	1,700,000	7	Feb. & Aug.	New York.	1908	....
<b>Frederick, Wkthorn &amp; Mo. (S.C. &amp; P.):</b>							2d Mortgage guar. by Pa. R. R.	1,450,000	6	May & Nov.	"	1900	....
1st Mortgage.....	600,000	7	April & Oct.	"	1901	81	<b>International and Gt. Northern:</b>						
<b>Galeana &amp; Ont. Union (C. &amp; N. W.):</b>							1st Mortgage a.f. (Intern. R. R.)	3,040,000	7*	April & Oct.	New York.	1911	69
1st Mortgage.....	1,692,000	7	Feb. & Aug.	New York.	1882	104	Convertible B'ds ( " )	1,473,000	8	Feb. & Aug.	"	1892	...
<b>Galv., Harrisburg &amp; San Antonio:</b>							1st Mortgage (Hous. & Gt. N. R.R.)	4,211,000	7*	Jan. & July.	"	1900	68
1st Mortgage.....	1,700,000	6*	Feb. & Aug.	Lond. or Bos.	1910	....	Convert. B'ds ( " )	1,677,000	8	Feb. & Aug.	"	1892	20
<b>Galveston, Houston &amp; Henderson:</b>							<b>Indianapolis, Cin. and Lafayette:</b>						
1st Mortgage.....	1,493,000	7*	Jan. & July.	New York.	1890	80	1st Mortgage of 1867.....	2,800,000	7	Feb. & Aug.	New York.	1897	....
<b>Geneva, Ithaca and Athens:</b>							1st Mortgage of 1869.....	2,000,000	7	June & Dec.	"	1899	....
1st Mortgage, skg. fd., guar....	800,000	7*	Jan. and July.	New York.	1890	....	Funded Interest Bonds, coupon.	469,100	7	March & Sept.	"	'78-'85	...
<b>Georgia (and Banking).....</b>							Equipment Bonds, registered....	375,000	10	"	"	1883	86
Company bonds (debentures)....	530,000	7	Jan. & July.	Augusta.	'75-'90	....	1st Mort. (Ind'polis & Cin.) 1888.	1,800,000	7	April & Oct.	"	1888	...
<b>Gilman, Clinton &amp; Springfield:</b>							1st Mort. (Cin. & Indiana).....	499,000	7	June & Dec.	"	1892	....
1st Mortgage gold.....	2,000,000	7*	March & Sept.	N. Y. & Lond.	1900	....	2d Mort. ( " ) guar.	1,497,000	7	Jan. & July.	"	'77-'82	....
2d Mortgage gold.....	1,000,000	6*	Jan. & July.	"	1892	....	<b>Indianapolis and St. Louis:</b>						
<b>Goshen and Deckertown (Erie):</b>							1st Mortgage.....						
1st Mortgage.....	240,500	7	Jan. & July.	New York.	1888	....	1st Mortgage.....	2,000,000	7	March & Sept.	"	1919	....
<b>Grand Rapids &amp; Indiana:</b>							1st Mortgage.....				"	1919	....
1st Mortgage L. G. guar. gold....	4,000,000	7*	Jan. & July.	New York.	1899	90	2d Mortgage.....	1,000,000	7	April & Oct.	"	1900	....
1st Mort. L. G. not guar. gold....	3,224,000	7*	April & Oct.	"	1899	85	Equipment Mortgage.....	378,000	10	Jan. & July.	"	1881	...
<b>Grand River Valley (Mich. C.):</b>							<b>Ionia and Lansing (D. L. &amp; L. M.):</b>						
1st Mort., assumed by Levee....	1,000,000	8	Jan. & July.	New York.	1888	101	1st Mortgage traffic guar. ....	770,000	8	Jan. & July.	New York.	1890	105
2d Mortgage, guar. by Levee....	500,000	8	March & Sept.	"	1879	86	2d Mortgage.....	81,000	8	May & Nov.	"	1886	....
<b>Grand Trunk (Ca.):</b>							<b>Iowa Falls and Sioux City:</b>						
Equipment Bonds \$500,000.....	2,500,000	6*	April & Oct.	London.	1877	....	1st Mortgage.....	2,960,000	7	April & Oct.	New York.	1917	100
Equipm't Bonds No. 2 \$500,000	2,500,000	6*	Jan. & July.	"	1920	....	<b>Iowa Midland (C. &amp; N. W.):</b>						
Postal & Military b'ds \$1,200,000	6,000,000	6*	Feb. & Aug.	"	Perp.	....	1st Mort., \$15,000 p.m., guar....	1,350,000	8	April & Oct.	New York.	1900	103
1st Preference Bonds \$2,218,149	16,090,745	6*	Jan. & July.	"	Irred.	....	<b>Ironton (Penn.):</b>						
2d Preference Bonds \$2,327,508	11,639,040	4*	"	"	"	....	1st Mortgage.....	100,000	7	May & Nov.	Philadelphia.	1875	....
3d Preference Bonds \$2,163,910	35,819,550	4*	"	"	"	....	1st Mortgage gold, skg fund....	606,000	7*	Jan. & July.	New York.	1890	107
Provincial Debenture \$2,111,500	16,567,500	4*	"	"	"	....	<b>Jackson, Lansing &amp; Saginaw (MO):</b>						
<b>Great Western of Canada:</b>							1st Mortgage guar.....	1,277,000	8	Jan. & July.	New York.	1885	99
Mortgage Bonds \$121,000.....	635,000	6	Jan. & July.	London.	1876	....	1st Mort. (Northern Ext.) guar.	687,000	8	May & Nov.	"	1890	....
Mortgage Bonds \$247,000.....	2,735,000	6*	April & Oct.	"	'77-'78	....	Consolidated Mortgage (236 m.)	2,001,000	8	March & Sept.	"	1891	92
New Bonds \$1,000,000.....	6,000,000	6	June & Dec.	"	1890	....	<b>Jacksonville, North West &amp; S. East:</b>						
Debenture Bonds \$1,745,160	8,715,800	8	Jan. & July.	"	Perp.	....	1st Mortgage.....	610,000	7*	Jan. & July.	New York.	1902	....
<b>Great Western Railway of 1889:</b>							<b>Jacksonville, Pensac. and Mobile:</b>						
1st Mort., ass'd by T. W. & W.	2,500,000	7	Feb. & Aug.	New York.	1888	104	1st Mortgage.....	472,000	7	Jan. & July.	New York.	1880	....
2d Mort. ....	2,500,000	7	May & Nov.	"	1893	74	2d Mortgage.....	3,000,000	8	"	"	1899	....
<b>Green Bay and Minnesota:</b>							<b>Jameson &amp; Frank (L.S. &amp; M. So.):</b>						
1st Mortgage.....	3,200,000	7*	Feb. & Aug.	"	1900	....	1st Mortgage guaranteed.....	423,000	7	Jan. & July.	New York.	1897	....
<b>Greenville and Columbia:</b>							2d Mortgage guaranteed.....	500,000	7	June & Dec.	"	1894	....
1st Mortgage guar. by S. Car....	1,426,546	7	Jan. & July.	Columbia.	'81-'86	....	<b>Jefferson (Erie):</b>						
1st Mortgage not guaranteed....	376,766	7	"	"	'81-'86	....	1st Mort. (Hawley Section)....	204,000	7	Jan. & July.	New York.	1887	83
<b>Greenwich and Johnsonville:</b>							2d Mort. ( " )	84,000	7	"	"	1889	....
1st Mortgage.....	185,000	7	May & Nov.	New York.	1889	....	1st Mort. (Carbondale Section)...	2,000,000	7	"	"	1889	....
<b>Gulf, Western Texas and Pacific:</b>							<b>Jeffersonville, Madison &amp; Indian:</b>						
1st Mortgage (Construction)....	1,386,000	7*	Jan. & July.	"	1902	....	1st Mortgage consol.....	2,474,000	7	April & Oct.	New York.	1906	....
<b>Hannibal and Naples (T. W. &amp; W.):</b>							2d Mortgage consol.....	2,000,000	7	Jan. & July.	"	1910	....
1st Mortgage.....	675,000	7	May & Nov.	New York.	1898	33	1st Mortgage (Ind. & Mad.) guar.	397,000	7	May & Nov.	"	1881	....
2d Mortgage.....	225,000	7	Jan. & July.	"	1890	....	<b>Jersey City and Albany:</b>						
<b>Hannibal &amp; Cent. Mo. (T. W. &amp; W.):</b>							1st Mortgage.....	250,000	7*	Jan. & July.	New York.	1913	....
1st Mortgage, tax free.....	1,000,000	7	May & Nov.	New York.	1890	92	1st Mortgage (Ridgefield Park)...	300,000	7	May & Nov.	"	1912	....
2d Mortgage.....	250,000	7	"	"	1892	76	<b>Joliet and Chicago (C. &amp; Alton):</b>						
<b>Hannibal and St. Joseph:</b>							1st Mortgage skg fund guar....	336,000	8	Jan. & July.	New York.	1882	106
Missouri State Loan.....	1,500,000	6	Jan. & July.	New York.	'87-'94	105	<b>Junction, Philadelphia:</b>						
Missouri State Loan.....	1,500,000	6	"	"	'87-'88	....	1st Mortgage, guaranteed.....	500,000	8	Jan. & July.	Philadelphia.	1882	105
Fifteen years' bonds (277 m.)...	4,000,000	8	March & Sept.	"	1885	100	2d Mortgage not guaranteed....	300,000	6	April & Oct.	"	1900	103
1st Mort. (Q. & Palm R.R. 16 m.)	800,000	8	Feb. & Aug.	"	1892	....	<b>Junction and Breakwater:</b>						
1st Mort. (K. City & Cam. R.R. 8 m.)	1,200,000	10	Jan. & July.	"	1888	....	1st Mort. guar. by Delaware....	352,000	6	Jan. & July.	New York.	1890	....
General Land Mortgage (277 m.)	1,200,000	7	April & Oct.	"	1888	....	<b>Kalamazoo, Allegan &amp; Gr. Rapids:</b>						
<b>Hartford Extension:</b>							1st Mort. assumed by L.S. & M. So.	840,000	8	Jan. & July.	New York.	1888	95
1st Mortgage.....	4,000,00												



## AMERICAN RAILROAD BOND LIST.

An Asterisk (\*) fixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
<b>Kansas Pacific:</b>							<b>Louisville, Cin. and Lexington:</b>						
1st Mort. (1st Div. 140 m.) gold..	2,240,000	6*	Feb. & Aug.	N. Y. & St. Lo.	1895	104 1/2	Bonds to State of Kentucky.....	74,519	6	Jan. & July.	New York.	Perp.	....
1st Mort. (3d Div. 253.94 m.) gold..	4,085,000	6*	June & Dec.	"	1898	102 1/2	1st Mortgage for Cincinnati Br..	3,000,000	7	"	"	1897	....
1st M. (3d Div. 244.66 m. & 3,000,000a)	6,411,000	7	May & Nov.	N. Y. L. & F.	1899	78 1/2	2d Mortgage for \$1,000,000.....	875,000	6	April & Oct.	"	1900	....
1st Mort. (1,000,000 acres) gold....	187,000	7	March & Sept.	N. Y. & St. Lo.	71-76		Louisville Loan.....	100,000	6	Jan. & July.	"	1891	....
1st Mort. (2,000,000 acres) gold....	1,722,250	7*	Jan. & July.	N. Y. L. & F.	1880	67	1st Mort. (Louisville & Frankf't)	39,000	6	"	"	73-76	....
2d Mort. ( " ) gold.....	1,500,000	7	March & Sept.	"	1885	18	1st Mort. (Louis., Cin. and Lex.)	21,000	6	April & Oct.	"	1902	....
1st Mort. (Leavenworth Branch)	600,000	7	May & Nov.	N. Y. & St. Lo.	1899	40	1st Mortgage (Shelby R. R.)....	88,500	8	June & Dec.	"	1891	....
2d Mortgage (Gov't Subsidy)....	6,305,000	6	Jan. & July.	U. S. Treas.	95-97		<b>Louisville and Nashville:</b>						
3d Mortgage (Income).....	4,275,350	7	March & Sept.	N. Y. L. & F.	1916	....	Ten Year Mortgage Gold bonds	2,000,000	7*	May & Nov.	New York.	1893	50 1/2
<b>Kent County (Del.)</b>							Mort. main office lot & buildin.	80,000	7	"	Louisville.	1893	....
1st Mortgage for \$900,000.....	400,000	6	Jan. & July.	Philadelphia.	1880	....	1st Mort. (Leb. Br. Ext. 73.2m.)	88,000	7	"	"	90-95	....
<b>Kentucky Central:</b>							1st Mort. (Memphis and Ohio)...	3,500,000	7	June & Dec.	New York.	1901	....
2d Mort. (Covington & Lexington)	844,000	7	March & Sept.	New York.	1883	....	1st Mort. (Memph. & Clarksv. Br.)	2,869,710	6*	Feb. & Aug.	"	1902	....
3d Mortgage.....	237,000	7	June & Dec.	"	1885	....	Consol. M. for \$5,000,000 (392 m.)	7,109,000	7	April & Oct.	"	1898	10 1/2
<b>Kokuk and Des Moines:</b>							Louisville Loan.....	849,000	6	"	"	95-97	....
1st Mortgage.....	1,947,000	7	April & Oct.	New York.	1904	....	Louisville Loan (Lebanon Br.)	225,000	6	May & Nov.	"	1899	....
Funded Interest.....	254,300	8	"	"	1884	....	Louisv. Loan (Leb. Br. Exten.)	333,000	6	April & Oct.	Louisville.	1898	99
<b>Kokuk and St. Paul (C.B. &amp; Q.):</b>							<b>Louisv. N. A. &amp; St. Lo. Air-Line:</b>						
1st Mortgage traffic guar.....	317,000	8	April & Oct.	Boston.	1879	101 1/2	1st Mortgage gold, \$25,000 p. m.	2,875,000	7*	Jan. & July.	New York.	1892	....
<b>La Crosse, Trempealeau &amp; Prescott:</b>							<b>Macon and Augusta:</b>						
1st Mort. assumed by C. & N. W.	1,000,000	10	April & Oct.	New York.	1878	....	1st Mortgage end by Ga. R. R..	300,000	7	Jan. & July.	New York.	1877	....
<b>Laf. Blooming &amp; Miss (T.W. &amp; W.):</b>							1st Mortgage not endorsed.....	100,000	7	"	"	1887	....
1st Mortgage gold guar.....	1,300,000	7*	Feb. & Aug.	New York.	1891	70	Construct. Mort. end by Ga. R.R.	370,000	7	"	"	1879	....
<b>Laf. Muncie &amp; Bloom (T.W. &amp; W.):</b>							<b>Macon and Brunswick:</b>						
1st Mortgage gold guar.....	1,500,000	7*	Feb. & Aug.	New York.	1901	40	1st Mort. endorsed by Ga.....	1,900,000	7	Jan. & July.	New York.	1887	....
<b>Lake Erie and Louisville:</b>							1st Mort. " " " " " "	600,000	7	May & Nov.	"	1900	....
1st Mortgage.....	1,092,000	7	April & Oct.	New York.	1892	....	2d Mortgage.....	1,100,000	7	April & Oct.	"	1899	....
2d Mortgage.....	590,000	7	Jan. & July.	"	1903	....	Equipment Mortgage.....	150,000	7	"	"	1879	....
<b>Lake Ontario Shore:</b>							<b>Madison and Portage:</b>						
1st Mortgage (\$20,000 pr. m.)....	1,438,200	7*	Jan. & July.	New York.	1897	....	1st Mort., guar. by Chl. and Sup.	600,000	7*	April & Oct.	New York.	1890	....
<b>Lake Shore &amp; Michigan South'n:</b>							<b>Maine Central:</b>						
Sinking Fund Mortgage.....	888,000	7	April & Oct.	New York.	1879	....	Consolidated Mortgage.....	2,796,500	7	April & Oct.	Boston.	1912	50 1/2
Consol. Mort., S.F., Regist'd....	7,928,000	7	J. A. J. & O.	"	1900	114 1/2	\$1,100,000 Loan, tax free.....	750,900	6	Jan. & July.	"	1898	91
Consol. Mort., S.F., Coupon....	9,208,000	7	Jan. & July.	"	1900	113 1/2	Extension (gold) Loan.....	496,500	6	April & Oct.	"	1900	....
2d Consol. Mort. for \$25,000,000	9,208,000	7	June & Dec.	"	1903	102 1/2	1st Mort. (Belfast & Moosehead)	150,000	7*	May & Nov.	Belfast & Bost.	1890	....
Bonds of 1892 (Reg. & Coupon)	3,244,000	7	April & Oct.	"	1882	....	\$1,100,000 (A. & Ken.) Loan.....	1,100,000	6	Jan. and July.	Boston.	90-91	50
Lake Shore Dividend Bonds....	1,593,000	7	"	"	1899	110	1st Mortgage (Portland & Ken.)	217,300	6	April & Oct.	Augusta.	1885	....
Reg. Mort. (Clev., Pain. & Ash.)	1,000,000	7	Jan. & July.	"	1880	....	Consol. (Port. & Kennebec) Loan	1,166,700	6	"	Boston.	1895	93 1/2
2d Mort. " " " " " "	1,000,000	7	April & Oct.	"	1892	....	2d Mort. (Somerset & Kennebec)	260,000	6	June & Dec.	"	1876	....
1st Mort. (Mich. S. & Nor. Ind.)	5,256,000	7	May & Nov.	"	1885	....	1st Mort. (Leeds & Farn'gton)	633,000	6	Jan. & July.	"	1901	....
2d Mort. " " " " " "	1,595,000	7	"	"	1877	....	Bath (Androscoggin) Loan.....	425,000	6	"	"	1891	....
1st Mort. (Cleveland & Toledo)	849,000	7	Jan. & July.	"	1885	....	<b>Mansfield &amp; Framing. (B.C. &amp; F.):</b>						
2d Mort. " " " " " "	300,000	7	April & Oct.	"	1886	....	1st Mortgage, guaranteed.....	300,000	7	Jan. & July.	Boston.	1890	95
Mort. Bonds (Buffalo and Erie)	200,000	7	Jan. & July.	"	1882	....	<b>Marietta and Cincinnati:</b>						
Mort. Bonds " " " " " "	300,000	7	March & Sept.	"	1886	....	1st Mortgage, Sterling.....	1,050,000	7*	Feb. & Aug.	London.	1891	....
Mort. Bonds " " " " " "	2,844,000	7	April & Oct.	"	1898	....	1st Mortgage Dollar.....	2,450,000	7	"	Baltimore.	1891	81
1st M. (Det't, Monroe & Toledo)	924,000	7	Feb. & Aug.	"	1906	....	2d Mortgage Dollar.....	2,500,000	7	May & Nov.	"	1890	23
1st M. (Kalam. & White Pigeon)	400,000	7	Jan. & July.	"	1890	....	3d Mortgage Dollar.....	3,000,000	8	Jan. & July.	"	1900	11 1/2
1st M. (School. & Three Rivers)	100,000	8	"	"	1887	....	4th Mortgage.....	2,004,000	8	April & Oct.	"	1908	....
1st M. (Kalamaz. & Schoolcraft)	100,000	8	"	"	1887	....	1st Mort. (Scioto & Hook Val.)	300,000	7	May & Nov.	"	1888	....
1st M. (Kal., Allegan & Gr. Rap.)	840,000	8	"	"	1888	....	<b>Marietta, Pittsburg &amp; Cleveland:</b>						
1st M. (Jamestown & Franklin)	422,000	7	"	"	var	....	1st Mortgage gold.....	1,500,000	7*	Feb. & Aug.	New York.	1895	....
2d M. " " " " " "	500,000	7	June & Dec.	"	1894	....	<b>Marquette, Houghton &amp; Ontonagon:</b>						
<b>Lake Shore &amp; Tuscarawas Valley:</b>							1st Mortgage (Marq. & Ont.)...	1,700,000	8	Jun. & Dec.	New York.	1892	99 1/2
1st Mortgage gold.....	2,000,000	7*	April & Oct.	Cleveland, O.	1901	....	1st Mort. (Houghton and Ont.)	2,000,000	8	Jan. & July.	"	1892	....
2d Mortgage, for \$1,000,000....	698,000	7	"	"	....	....	Consolidated Mortgage.....	1,454,000	8-10	Various	"	92-93	....
Elyria and Black Riv. b'ds ass'd	180,000	7	May & Nov.	"	1892	....	<b>Massachusetts Valley (C. &amp; P. R.):</b>						
<b>Lake Superior &amp; Mississippi:</b>							1st Mortgage guaranteed.....	400,000	6*	Jan. & July.	Boston.	1889	90
1st Mort. skg fund gold tax free.	4,500,000	7*	Jan. & July.	N.Y.-Bost.-Ph.	1896	20 1/2	<b>Maryland and Delaware:</b>						
2d Mort. gold tax free and conv.	3,200,000	7*	April & Oct.	"	1900	....	1st Mortgage.....	350,000	6	May & Nov.	Boston.	1885	....
Income Bonds.....	3,900,000	10	"	"	1902	....	2d Mortgage.....	150,000	6	June & Dec.	"	1889	....
<b>Lawrence (P. Ft. W. &amp; Chl.):</b>							<b>Massillon &amp; Clevel. (C.M. V. &amp; D.)</b>						
1st Mortgage, guaranteed.....	355,000	7	Feb. & Aug.	New York.	1895	....	1st Mortgage guaranteed, gold..	100,000	7*	Jan. & July.	New York.	1890	....
<b>Leavenworth, Atch. &amp; N. West'n:</b>							<b>Mayville and Lexington:</b>						
1st Mort. guar. by Pac. of Mo'n.	500,000	7	April & Oct.	New York.	1890	....	1st Mortgage.....	500,000	7*	Jan. & July.	New York.	1890	....
<b>Leaven. Lawrence &amp; Galveston:</b>							<b>Memphis and Charleston:</b>						
1st Mort. skg fund conv. gold..	5,000,000	10	Jan. & July.	N. Y. & Bost.	1899	25	1st Mortgage, Convertible.....	1,293,000	7	March & Sept.	New York.	1880	92
1st Mort. (K. O. & San. Fe) guar.	720,000	10	May & Nov.	Boston.	1890	....	2d Mortgage.....	1,000,000	7	Jan. & July.	"	1895	....
1st Mort. (Southern Kan.) guar.	160,000	8	June & Dec.	"	1891	....	Tennessee State Loan.....	1,314,142	6	"	"	....	....
<b>Lehigh and Lackawanna:</b>							Income Bonds.....	600,000	10	March & Sept.	"	73-76	....
1st Mortgage tax free.....	300,000	7	Feb. & Aug.	Philadelphia.	1897	....	<b>Memphis and Little Rock:</b>						
<b>Lehigh Valley:</b>							1st Mortgage (Land Grant).....	1,300,000	8	May & Nov.	New York.	1890	....
1st Mortgage (new loan).....	5,000,000	6	June & Dec.	Philadelphia.	1895	112 1/2	2d Mortgage.....	1,000,000	8	"	"	....	....
1st Mortgage " " " " " "	6,000,000	6	"	"	1898	114	<b>Michigan Air Line (Mich. Cent.):</b>						
2d Mortgage for \$5,000,000....	6,000,000	7	March & Sept.	"	1910	110 1/2	1st Mort. (South Bend Div.) ass'd	200,000	8	May and Nov.	New York.	1890	90
General Mort. for \$40,000,000..	5,000,000	6*	June & Dec.	"	1923	99 1/2	<b>Michigan Central:</b>						
General Mort., registered.....	5,000,000	6*	"	"	1922	....	1st Mortgage, convertible.....	555,000	8	April & Oct.	Boston.	1892	....
<b>Lewish, Centre &amp; Spruce C. (Pa. E.):</b>							1st Mortgage sinking fund conv.	2,179,000	8	"	"	1892	103 1/2
1st Mortgage.....	1,545,000	7	May & Nov.	Philadelphia.	1902	....	Consol. Mortgage for \$10,000,000	8,000,000	7	May & Nov.	New York.	1902	111
<b>Lexington &amp; St. Louis (A.</b>													



## AMERICAN RAILROAD BOND LIST.

An Asterisk (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Minneapolis & St. L. (B. C. R. & N.)	\$						N. O. Jack & Gt. N. (N. O. St. L. & C.)	\$					
1st Mortgage gold, guaranteed..	150,000	7*	Jan. & July.	New York.	1911	75	1st Mortgage.....	3,000,000	8	Jan. & July.	New York.	1886	....
Minnesota and North Western:							2d Mortgage.....	1,500,000	8	April & Oct.	"	1890	....
1st Mort. gold, sfg. fd. & tax free	20,000pm	7*	Jan. & July.	Detroit.	1890	....	New Orleans, Mobile and Texas:						
Mississippi Cent. (N. O. St. L. & Chi.)							1st Mort. (Mobile to N. Orleans)	4,000,000	7*	Jan. & July.	N. Y. & Lond.	1915	....
1st Mortgage.....	1,012,500	7	May & Nov.	New York.	74-'84	....	1st Mort. (N. Orleans to Texas)	7,250,000	8	"	New York.	1915	....
2d Mortgage.....	2,000,000	8	Feb. & Aug.	"	1886	....	2d Mort. endorsed by Louisiana.	2,825,000	8	"	"	1915	....
General Mort. for \$8,000,000 gold	3,708,500	7*	May & Nov.	"	1912	....	New York, Boston and Montreal:						
Mississippi, Ouachita & Red Riv.:							1st Mortgage for \$12,250,000.....	6,250,000	7*	Feb. & Aug.	N. Y. or Lond.	1889	....
1st Mortgage gold.....	2,040,000	7*	Jan. & July.	.....	1900	....	New York & Canada (D. & H. C.):						
Mississippi and Tennessee:							1st Mort. for \$300,000, guar.....	4,000,000	6*	May & Nov.	London.	1904	....
1st Mortgage, Series A.....	1,000,000	8	April & Oct.	Memphis.	1902	....	New York Central & Hudson R.						
2d Mortgage, Series B.....	1,100,000	8	Jan. & July.	"	1902	....	Debt Certificates (N. Y. Cent.)	6,632,900	6	May & Nov.	New York.	1883	103
Mississippi Valley and Western:							Bonds for B. & N. F. stk ( " )	14,500	6	May & Nov.	"	1883	....
1st Mortgage \$20,000 p. m.....	800,000	7	Feb. & Aug.	New York.	1902	....	Bonds for R. R. Stocks ( " )	592,000	6	"	"	1883	102
Missouri, Iowa and Nebraska:							Bonds for Real Estate ( " )	162,000	6	"	"	1883	103
1st Mortgage gold, sinking fund.	2,000,000	7*	June & Dec.	.....	1910	....	Bonds of 1884 renewed ( " )	2,391,800	6	June & Dec.	"	1887	107
Missouri, Kansas and Texas:							2d Mort. (Hudson River) S. F. F.	1,794,000	7	"	"	1885	111
1st Mort. (U. Pac. S. Br.) sfg. fund	2,615,000	6*	Jan. & July.	New York.	1899	....	Bonds of 1871, tax free.....	1,950,000	7	April & Oct.	"	1891	....
1st Mort. (Tebio & Neosho) S. F.	349,000	7*	June & Dec.	"	1903	....	1st Mort., coup. for \$30,000,000	18,465,000	7	Jan. & July.	"	1903	119
Consol. Land Grant, sfg. fd. gold	10,415,000	7*	Feb. & Aug.	"	1904	49	1st Mort., reg'd.....	9,733,333	6*	"	London.	1903	....
First Additional Consol. Mort.....	2,500,000	7	"	"	1905	....	New York and Harlem:						
Second Add. Consol. Mort.....	1,182,000	7	"	"	1905	16	Sinking Fund Mortgage of 1861.	107,704	7	Jan. & July.	New York.	1881	....
Third Additional Consol. Mort.....	600,000	7	"	"	1905	....	Consol. Mort. of 1872, coupon.	10,500,000	7	May & Nov.	"	1900	118
Missouri River, Ft. Scott & Gulf:							Consol. Mort. of 1872, reg....		7	"	"	1900	115
1st Mortgage, Land Grant, S. F.	5,000,000	10	Jan. & July.	New York.	1889	76	New York Elevated:						
2d Mortgage.....	2,000,000	10	April & Oct.	N. Y. & Bos.	1890	16	1st Mortgage.....	7,000,000	7	Jan. & July.	New York.	1906	90
Mobile and Girard:							N. York, Housatonic & Northern:						
1st Mortgage.....	377,500	7	Jan. & July.	Savannah.	1876	....	1st Mortgage.....	1,500,000	7*	April & Oct.	New York.	1902	....
2d Mort. end. by Cent. R. R. of Ga.	300,000	8	"	New York.	1889	....	New York, Kingston & Syracuse:						
Plan bonds.....	33,500	8	"	Savannah.	1887	....	1st Mort. for \$4,000,000.....	2,500,000	7*	Jan. & July.	New York.	1902	....
Mobile and Montgomery:							New York, N. Haven & Hartford:						
1st Mort. endor. by State of Ala.	2,434,000	8*	May & Nov.	New York.	1900	....	1st Mort. (Hartford & Portchester)	2,000,000	7	.....	New York.	1903	....
2d Mortgage.....	800,000	8	"	"	1900	....	New York and New England:						
Mobile and Ohio:							1st mortgage, old.....	923,000	7	March & Sept.	Boston.	1884	....
1st Mortgage Sterling.....	5,686,000	6*	May & Nov.	Mobile & Lond.	1883	....	1st mortgage, new.....	243,000	7	Jan. & July.	"	1906	....
Interest bonds.....	1,624,300	8	"	"	76-'83	....	New York and Oswego Midland:						
Sterling Interest bonds.....	769,920	6*	"	London.	1893	....	1st Mortgage gold, tax free.....	8,000,000	7*	Jan. & July.	New York.	1894	....
Tennessee Substitution Bonds.....	1,688,000	7*	Jan. & July.	N. Y. & Lond.	1901	....	2d Mortgage convertible.....	2,500,000	7	May & Nov.	"	1896	....
Special Mort. (Gainesville Br.)	65,000	8	May & Nov.	Mobile.	1877	....	2d Mortgage non-convertible.....	1,500,000	7	"	"	1896	....
2d Mortgage.....	1,458,858	8	March.	"	1877	....	3d Mort., Equipment.....	3,800,000	7	.....	"	....	....
Consol. Mort. for \$15,000,000.....	977,550	8	Jan. & July.	N. Y. & Lond.	1904	....	1st Mort., (West. Extension).....	2,425,000	7	.....	"	....	....
Convertible 3 per cent. bonds.....	977,550	8	M. J. S. & D.	New York.	....	....	Consolidated Mortgage.....	1,300,000	7	.....	"	....	....
Montclair (N. Y. and O. Mid.):							New York, Providence & Boston:						
1st Mortgage gold, guar.....	1,800,000	7*	March & Sept.	New York.	....	....	1st Mortgage.....	76,000	6	Feb. & Aug.	New York.	1878	....
2d Mortgage.....	780,000	7	.....	"	....	....	Extension Bonds.....	250,000	6	May & Nov.	"	78-'81	....
Income Mortgage.....	885,400	7	.....	"	....	....	General Mort. for \$1,000,000.....	837,000	7	Jan. & July.	"	1899	118
Montgomery and Erie (Erie):							Norfolk & Petersburg (A. M. & O.):						
1st Mortgage.....	127,900	7	May & Nov.	New York.	1888	....	1st Mortgage.....	308,000	8	Jan. & July.	New York.	1877	88
2d ".....	47,000	7	April & Oct.	"	1887	....	1st Mortgage.....	157,000	7	"	"	1877	91
Montgomery and Eufaula:							2d Mortgage.....	454,000	8	"	Norfolk.	1893	86
1st Mortgage end. by Ala. gold.	1,040,000	8*	March & Sept.	New York.	1886	....	North Carolina:						
1st Mortgage not endorsed.....	330,000	8	June and Dec.	"	1900	....	1st Mortgage.....	210,000	8	May & Nov.	Co's Shops, N.C.	1888	....
Monticello and Port Jervis:							2d Mortgage.....	820,000	8	March & Sept.	Charleston.	1899	....
1st Mortgage gold, tax free.....	500,000	7*	J. A. J. & O.	New York.	1890	....	2d Mortgage.....	282,500	8	"	"	1899	....
Morris and Essex (D. L. & W.):							North Missouri (St. L., K. C. & N.):						
1st Mortgage sinking fund, guar.	5,000,000	7	May & Nov.	New York.	1914	116	1st Mortgage.....	3,000,000	7	Jan. & July.	New York.	1896	10
2d Mortgage guar.....	2,000,000	7	Feb. & Aug.	"	1891	107	North Pennsylvania:						
Convertible bonds.....	384,000	7	Jan. & July.	"	1900	81	1st Mortgage.....	1,930,500	6	Jan. & July.	Philadelphia.	1888	108
Construction bonds.....	673,000	7	Feb. and Aug.	"	1889	86	2d Mortgage.....	1,500,000	7	May & Nov.	"	1896	112
Gen'l M. (1st on Boonton Br.) gr.	4,991,000	7	April & Oct.	"	1901	100	General Mortgage.....	2,085,000	7	Jan. & July.	"	1903	108
Special Mortgage.....	1,025,000	7	"	"	....	....	North Shore (Flush., N. S. & Cent.):						
Consol. mort. for \$25,000,000 guar	3,229,000	7	June & Dec.	"	1915	92	1st Mortgage.....	135,000	7	Feb. & Aug.	New York.	1887	....
Nashville, Chattanooga & St. Louis:							Northern Central:						
1st Mort., endorsed by Tenn.....	1,100,000	6	Jan. & July.	New York.	74-'83	....	1st Mortgage, Md. State loan....	1,500,000	6	J. A. J. & O.	Annapolis.	Irred.	....
2d Mort. (Held by U. S. Gov.).....	1,000,000	4	"	"	81-'91	....	2d Mortgage S. F. Coupon.....	1,490,000	6	Jan. & July.	Baltimore.	1888	106
3d Mortgage.....	4,700,000	7	"	"	1913	100	3d Mortgage Coupon.....	1,126,000	6	April & Oct.	Phila. & B. R.	1900	101
Nashville and Decatur (L. & Nash.):							Mortgage coupon.....	2,599,000	6*	Jan. & July.	Baltimo.	1900	94
1st Mortgage sinking fund, guar.	1,900,000	7	Jan. & July.	New York.	1900	100	Mortgage registered.....	205,000	6*	April & Oct.	"	1900	....
2d Mortgage gold.....	206,000	6*	April & Oct.	Nashville.	1887	....	Consol. General Mort. S. F.....	4,518,000	6*	Jan. & July.	Lond. & Balt.	1904	....
Nashua and Lowell:							Second General Mort. coupon.....	3,000,000	5	"	Baltimore.	1926	50
Bonds for freight depot.....	200,000	6*	Feb. & Aug.	Boston.	1892	104	Second General Mort. coupon.....	1,000,000	6	"	"	1926	....
Newark & New York (C. of N. J.):							Northern New Jersey (Erie):						
1st Mortgage guar.....	600,000	7	Jan. & July.	New York.	1891	....	1st Mortgage sfg. fd. guar.....	400,000	7	Jan. & July.	Jersey O.	1878	....
Newark, Somerset & Stratsville:							Northern Pacific:						
1st Mortgage gold.....	800,000	7*	May & Nov.	New York.	1889	98	1st Mort. on R. R. & lands gold..	4,000,000	7.3	Jan. & July.	New York.	1900	25
New Bedford:							Northwestern Virginia:						
1st Mort. (New Bed. & Taunton)	171,500	6	Jan. & July.	Boston.	1881	98	3d Mort., assumed by R. and O	140,000	6	Jan. & July.	Baltimore.	1885	100
New Issue for \$360,000.....	400,000	7	"	"	1894	105	Northwestern Union (C. & N. W.):						
New Haven and Derby:							1st Mortgage.....	3,500,000	7*	March & Sept.	New York.	1917	....
1st Mortgage.....	525,000	7	Various.	New Haven.	98-'00	....	Norwich & Worcester (B. H. & E.):						
New H. Middle'n & Williamst:							1st Mort. Mass. Loan, sfg. fd....	400,000	6*	Jan. & July.	Boston.	1877	....
1st Mortgage (coup. & reg.).....	3,000,000	7	May & Nov.	New York.	1889	....	Construction Bonds.....	400,000	6	March & Sept.	"	1897	....
2d Mortgage.....	2,000,000	7	"	"	1881	....	Nyack and Northern:						
New Haven and Northampton:							1st Mortgage.....	150,000	7	Jan. & July.	New York.	1890	....
1st Mortgage.....	1,000,000	7	Jan. & July.	N. Y. & N. H.	1899	....	Ogdensburg and Lake Champlain:						
Convertible bonds,													



## AMERICAN RAILROAD BOND LIST.

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Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Oil Creek (Pittsb., T. & Buffalo):							Philadelphia, Wilmington & Balt.						
1st Mortgage.....	580,000	7	April & Oct.	Philadelphia.	1896	77	Mortgage Loan, convertible....	262,000	6	Jan. & July.	Phila. & Boas.	1894	1004
Omaha and Northwestern:							Loan of 1887.....	1,000,000	6	April & Oct.	" "	1887	103
1st Mort. Land Grant, Gold.....	16,000 pm	7 3/4	Jan. & July.	New York.	1901	....	Loan of 1872.....	700,000	6	" "	" "	1892	108 1/2
Omaha and Republican Valley:							Loan of 1875.....	800,000	6	" "	" "	1900	108
1st Mortgage.....		8	F. M. A. & N.	.....	1895	....	Pickering Valley (Phila. & Rdg.):						
Omaha and southwestern:							1st Mortgage, guaranteed.....	331,300	7	April & Oct.	Philadelphia.	1900	53
1st Mortgage \$20,000 p. m.....	1,034,000	8	June & Dec.	Boston.	1896	113	Pittsburg, Cin. & St. Louis (Pa.):						
Oregon and California:							1st Mort. (Col. & Newark Div.)....	775,000	7	Jan. & July.	Philadelphia.	1890	99
1st Mortgage gold.....	10,950,000	7 3/4	April & Oct.	New York.	....	....	1st Mort. (Steub. & Ind.) conv....	3,000,000	6	Monthly.	New York.	1884	98
Ozage Valley & Southern Kansas:							Consol. Mortgage for \$10,000,000.	6,222,000	7	Feb. & Aug.	Philadelphia.	1890	98
1st Mortgage (5-20 years).....	200,000	10	Jan. & July.	New York.	1894	....	Consolidated 2d Mortgage.....	2,600,000	7	April & Oct.	" "	1915	....
Oshkosh & Miss. (C. M. & S. P.):							Pittsburg, Ft. Wayne & Chicago:						
1st Mortgage.....	240,000	8	Jan. & July.	New York.	1891	....	1st Mortgage (Series A).....	875,000	7	Jan. & July.	New York.	1912	121 1/2
Oswego and Rome (R. W. & O.):							1st Mortgage (Series B).....	875,000	7	Feb. & Aug.	" "	1912	....
1st Mortgage.....	500,000	7	May & Nov.	New York.	1916	....	1st Mortgage (Series C).....	875,000	7	March & Sept.	" "	1912	....
Income Mortgage.....	112,100	6	Feb. & Aug.	" "	1891	....	1st Mortgage (Series D).....	875,000	7	April & Oct.	" "	1912	....
Oswego and Syracuse (D. L. & W.):							1st Mortgage (Series E).....	875,000	7	May & Nov.	" "	1912	....
1st Mortgage, guaranteed.....	201,000	7	May & Nov.	New York.	1885	....	1st Mortgage (Series F).....	875,000	7	June & Dec.	" "	1912	....
Ottawa, Oswego & Fox River:							2d Mortgage (Series G).....	880,000	7	Jan. & July.	" "	1912	117 1/2
1st Mortgage guar. by C. B. & Q.	1,079,000	8	Jan. & July.	N. Y. & Bos.	1900	112 1/2	2d Mortgage (Series H).....	880,000	7	Feb. & Aug.	" "	1912	....
Owensboro and Russellville.							2d Mortgage (Series I).....	880,000	7	March & Sept.	" "	1912	....
1st Mortgage for \$1,500,000.....	1,500,000	8	Feb. & Aug.	New York.	1892	....	2d Mortgage (Series J).....	880,000	7	April & Oct.	" "	1912	....
Pacific of Missouri:							2d Mortgage (Series K).....	880,000	7	May & Nov.	" "	1912	....
1st Mortgage gold.....	7,000,000	6 1/2	Feb. & Aug.	New York.	1888	104 1/2	2d Mortgage (Series L).....	880,000	7	June & Dec.	" "	1912	....
2d Mortgage sinking fund.....	2,650,000	7	Jan. & July.	" "	1891	103	2d Mortgage (Series M).....	880,000	7	April & Oct.	" "	1912	109
3d Mortgage.....	4,000,000	7	May & Nov.	" "	....	....	Constructive bonds of Jan. 1, '70	100,000	7	Jan. & July.	New York.	1897	....
St. Louis County Debt.....	700,800	7	Monthly.	St. Louis.	1885	....	Equipment bonds.....	1,000,000	8	March & Sept.	" "	1894	....
Real Estate Bonds.....	800,000	8	May & Nov.	New York.	1892	....	Pittsburg, Va. and Charleston:						
1st Mort. (Carondelet Branch).....	500,000	6 1/2	April & Oct.	" "	1898	70	1st Mortgage.....	700,000	7	April & Oct.	New York.	1902	....
Paducah and Memphis:							Pittsburg, Wash'ton & Baltimore:						
1st Mortgage gold for \$2,805,000.	1,541,000	7 1/2	Feb. & Aug.	New York.	1902	....	1st Mort. (Pittsb. & Conn'sville)....	4,000,000	7	Jan. & July.	Baltimore.	1899	97 1/2
Panama:							2d Mort. do. (Balt. Loan).....	5,000,000	6	May & Nov.	" "	1902	....
General Mortgage, stg £597,800.	2,903,308	7 1/2	April & Oct.	London.	1897	....	1st Mort. (Turtle Cr. Div. 10 1/2 m)	400,000	6	Feb. & Aug.	Pittsburg.	1899	....
Paris and Decatur:							Real Estate Mortgage.....	100,000	6	.....	Baltimore.	1883	....
1st Mortgage gold, S. F.....	1,200,000	7 1/2	Jan. & July.	N. Y. & Lond.	1892	....	Plymouth, Kankakee & Pacific:						
Paterson and Newark (Erie):							1st Mortgage for \$3,600,000.....	20,000 pm	7 1/2	Jan. & July.	New York.	1901	....
1st Mortgage guaranteed.....	500,000	7	Jan. & July.	New York.	1878	....	Port Huron and Lake Michigan:						
Pekin, Linc. & Decatur (T.W. & W.):							1st Mortgage gold, for \$1,800,000	1,800,000	7 1/2	May & Nov.	New York.	1899	....
1st Mortgage, guaranteed.....	1,076,000	7	Feb. & Aug.	New York.	1900	60	Portland & Ogdensburg (Me. & N.H.):						
Pemberton & Hights (U.C. of N.J.):							1st Mort. (Maine Section) gold....	800,000	6 1/2	Jan. & July.	Boston.	1900	....
1st Mortgage guaranteed.....	160,000	7	Jan. & July.	Philadelphia.	1889	105	Consol. Mort. gold, for \$3,300,000	149,000	6 1/2	May & Nov.	" "	1901	15
Peninsular (Mich.) Railway:							Portland and Ogdensburg (Vt.):						
1st Mortgage gold (S.F.) 1st series	1,800,000	7 1/2	May & Nov.	N.Y. or Lond.	1899	....	1st Mortgage gold, for \$2,300,000	1,200,000	6 1/2	May & Nov.	N.Y. & Bos.	1891	48
1st Mortgage gold (S.F.) 2d series	2,000,000	7 1/2	.....	" "	1900	....	Portland and Oxford Central:						
2d Mortgage.....	540,000	7	Feb. and Aug.	New York.	1881	....	1st Mortgage of 1883.....	250,000	6	Jan. & July.	Portland.	1883	....
Pennsylvania:							Portland and Rochester:						
1st Mort. (Harris'g to Pittsb'g)	4,970,000	6	Jan. & July.	Philadelphia.	1880	105 1/2	1st Mort. (Portland Loan) skg fd	700,000	6	Jan. & July.	Boston.	1897	....
General Mortgage.....	19,999,700	8	J. A. J. & O.	Philadelphia.	1910	111	1st Mortgage (equal lien).....	100,000	7	April & Oct.	" "	1897	....
General Mortgage, registered.							2d Mort. (Portland Loan).....	395,800	6	Mar. & Sept.	" "	1891	....
Consolidated Mortgage.....	29,250,000	6 1/2	Jan. & July.	London.	1905	100	Port Royal (S. C.):						
State lien for \$7,500,000, skg fd	4,572,110	5	April & Oct.	Philadelphia.	177-90	....	1st Mortgage gold, skg fd.....	2,000,000	7 1/2	May & Nov.	N.Y. & Lond.	1899	....
Pennsylvania Coal:							1st Mort. gold, guar. by Ga. R.R.	500,000	7 1/2	" "	" "	1899	....
1st Mortgage.....	487,500	7	Feb. and Aug.	New York.	1881	....	Portsmouth, Gt. Falls & Conway:						
Pennsylvania and Delaware:							1st Mort., guar. by Eastern R.R.	514,000	7	June and Dec.	Boston.	1893	75 1/2
1st Mortgage.....	1,083,000	7	Feb. & Aug.	Philadelphia.	1903	....	Poughkeepsie and Eastern:						
2d Mortgage.....	519,000	7	April & Oct.	" "	1903	....	1st Mort. gold, conv. & tax free..	644,500	7 1/2	Jan. & July.	New York.	1910	....
Pennsylvania & New York (L.V.):							2d Mortgage.....	78,000	7	" "	" "	....	....
1st Mortgage guaranteed.....	1,500,000	7	June & Dec.	Philadelphia.	1896	117	Providence and Worcester:						
1st Mortgage guaranteed.....	1,500,000	7	" "	" "	1900	....	1st Mortgage.....	500,000	6	Jan. & July.	Providence.	1890	....
Peoria & Bureau Val (C.R.I. & P.):							Stoughton Branch bonds.....	1,000,000	6	" "	" "	....	....
1st Mortgage guaranteed.....	800,000	8	Jan. & July.	New York.	1877	....	Quincy, Alton and St. Louis:						
Peoria & Hannibal (C. B. & Q.):							1st Mortgage gold.....	1,000,000	7 1/2	May & Nov.	Philadelphia.	1882	....
1st Mortgage, traffic guaranteee..	277,000	8	Jan. & July.	Boston.	1878	100 1/2	Quincy and Palmyra:						
Peoria, Pekin and Jacksonville:							1st Mort. assumed by H. & St. Jo.	500,000	8	Feb. & Aug.	New York.	1892	....
1st Mortgage.....	1,000,000	7	Jan. & July.	New York.	1894	....	Quincy and Toledo (T. W. & W.):						
2d Mort. conv. & tax free.....	1,000,000	7	April & Oct.	" "	1900	....	1st Mortgage, guaranteed.....	500,000	7	May & Nov.	New York.	1900	80
Peoria and Rock Island:							Quincy & Warsaw (C. B. & Q.):						
1st Mort. gold, conv. & tax free..	1,500,000	7 1/2	Feb. & Aug.	N.Y. & Lond.	1900	....	1st Mortgage, guaranteed.....	725,000	8	Jan. & July.	Boston.	1890	111 1/2
2d Mortgage.....	150,000	10	Jan. & July.	New York.	1900	....	Reading and Columbia (P. & R.):						
Perkiomen (Phila. and Rdg.):							1st Mort., Coupon, guaranteed..	850,000	7	March & Sept.	New York.	1892	95
1st Mortgage, guaranteed.....	619,000	6	April & Oct.	Philadelphia.	1897	75	2d Mort., Coupon, guaranteed..	350,000	7	June & Dec.	Columbia.	1894	....
Petersburg:							Rensselaer and Saratoga:						
1st Mortgage (instalments).....	341,500	8	Jan. & July.	New York.	179-98	84 1/2	2d Mortgage.....	300,000	7	Jan. & July.	Troy.	1890	....
2d Mortgage.....	500,000	8	" "	" "	1902	....	3d Mortgage.....	150,000	7	" "	" "	1897	....
Philadelphia and Atl. City:							1st Mort. (Saratoga & Whitehall)	400,000	7	March & Sept.	New York.	1898	....
Mortgage for \$500,000.....	350,000	7	Jan. & July.	Philadelphia.	1907	....	1st Mort. (Troy, Salem & Rutl.)	500,000	7	May and Nov.	" "	1890	....
Philadelphia and Baltimore Cent:							1st Mortgage (Glenn's Falls)....	125,000	7	Jan. & July.	" "	1894	....
1st Mortgage (Penn. Div. 3d m.)	800,000	7	Jan. & July.	Philadelphia.	1879	....	Consol. Mort. for \$2,000,000....	1,799,500	7	May and Nov.	" "	1921	116
1st Mortgage (Md. Div. 51 m.)...	300,000	6	" "	" "	1891	....	New Gen'l Mort. for \$5,000,000.	1,092,000	6 1/2	.....	" "	....	....
2d Mortgage (Pa. & Md. 46 m.)...	400,000	7	" "	" "	1900	....	Richmond and Danville.						
Philadelphia and Erie (Penn.):							Virginia State Loan, skg fund..	600,000	6	Jan. & July.	Richmond.	1890	....
1st Mort. (Sunbury & Erie 40m)	1,000,000	7	Apr. and Oct.	Philadelphia.	1897	108	Virginia State guar. bonds.....	157,800	8	" "	" "	1876	....
1st Mortgage.....	5,000,000	6	" "	" "	1881	103 1/2	1st Mort. (Piedmont Branch)....	500,000	8	" "	" "	1898	....
2d Mortgage.....	3,000,000	7	Jan. & July.	" "	1888	110	1st Mort. (Northwestern, N.C.)	500,000	6 1/2	April & Oct.	N. Y. or Rich.	....	....
General Mort. for \$20,000,000....	7,852,000	6 1/2	" "	Phil. or Lond.	1920	....	Consolidated Mortgage.....	1,784,000	6	May and Nov.	New York.	175-90	72 1/2
Philadelphia and Reading:							Rich. Frederickburg & Potomac:						
Loan of 1883, debenture.....	1,135,300	6	Jan. & July.	Philadelphia.	1893	46	Sterling Loan.....	87,771	8 1/2	Jan. & July.	London.	1876	....
Mort. Loans of 1843-44-45 & 49.	1,510,500	6	" "	" "	1880	104 1/2	Dollar Loan.....	175,428	7	" "	Richmond.	1876	....
Mortgage Loan of 1868.....	2,700,000	7	Apr. and Oct.	" "	1893	109	Dollar Loan, Coupon.....	450,000	8	" "	" "	1881	....
Mortgage Loan of 1836 stg.....	182,400	6 1/2	Jan. & July.	London.	1880	....	Dollar Loan.....	134,488	6	various.	" "	1876	....
Mortgage Loan of 1843 stg.....	967,300	6 1/2	" "	" "	1880	....	Richmond and Petersburg:						
Mortgage Loan of 1836 stg.....	134,400	7 1/2	" "	" "	1877	....	1st Mortgage (Coupon).....	175,000	8	Apr. and Oct.	Richmond.	1880-85	....
Dollar coupon.....	7,310,000	7	June & Dec.	Philadelphia.	1911	100 1/2	New mortgage of 1875.....	31,000	7	May & Nov.	" "	1915	....
Consolidated Dollar registered	3,389,000	7	" "	" "	1911	102	Rockford, R. Island & St. Louis:						
Mortgage Gold or stg coup.....	6,999,000	6 1/2	" "	Phil. or Lond.	1911	....	1st Mortgage tax free.....	9,000,000	7 1/2	Feb. & Aug.	N.Y. & Lond.	1915	....
June 1, 1871. Gold or stg reg.....	668,000	6 1/2	" "	" "	1911	....	Rome, Watertown & Ogdensburg:						
Dollar coupon.....	205,000	6 1/2	" "	Philadelphia.	1911	....	1st Mortgage (W. & R. Skg Fund)	799,990	7	March & Sept.	New York.	1890	93
New debent. loan, conv.....	10,499,000	7	Jan. & July.	" "	1893	55	2d Mortgage.....	400,000	7	Jan. & July.	" "	1907	....
New Improvement Mort. Loan	9,381,000	6 1/2	Apr. and Oct.	Phil. or Lond.	1897	....	General Mort. S. F.....	1,060,500	7	June & Dec.	" "	1891	....



## AMERICAN RAILROAD BOND LIST.

An Asterisk (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Saginaw Valley and St. Louis:	\$						South Carolina:	\$					
1st Mortgage.....	346,000	8	May & Nov.	Saginaw.	1892	....	1st Mortgage Sterling.....	1,482,687	5*	Jan. & July.	London.	'82-'88	....
Saint Croix and Penobscot:							1st Mortgage (L.) currency.....	1,061,800	7	"	New York.	'78-'88	....
1st Mort. (Cal. & Bering).....	95,200	6	Jan. & July.	Calais, Me.	1879	....	2d Mort. for \$3,000,000.....	1,256,500	7	April & Oct.	"	1902	....
2d Mort. ( " ).....	17,500	6	"	"	1879	....	Domestic (I) Bonds.....	1,064,600	7	April & Oct.	Charleston.	1891	....
Calais Loan (Lewey's Island)...	115,000	6	June & Dec.	"	1878	....	Domestic (K) Bonds.....	63,500	6	Jan. & July.	"	'80-'92	....
St. Joseph & Denver City:							South Georgia and Florida:						
1st Mort. (E. D.) gold tax free...	1,500,000	5*	Feb. & Aug.	N. Y. & Lond.	1899	....	1st Mort. assumed by Atl. & Gulf	464,000	7	May & Nov.	New York.	1888	....
1st M. (W.D.) land grant, g'd tax fr.	5,500,000	8*	"	"	1900	....	2d Mort. " " " " " "	200,000	7	"	"	1889	....
1st Joseph and St. Louis:							South Mountain Iron (Cumb. Val.):						
1st Mortgage.....	1,000,000	6	May & Nov.	New York	1893	....	1st Mortgage guarant'ed.....	200,000	6	June & Dec.	Philadelphia.	1888	....
St. Louis, Alton and Terre Haute:							2d Mortgage for \$200,000.....	177,500	7	March & Sept.	"	1884	....
1st Mortgage skg f'd. (Series A)	1,100,000	7	Jan. & July.	New York.	1894	....	South and North Alabama:						
1st Mortgage skg f'd. (Series B)	1,100,000	7	April & Oct.	"	1894	109	1st Mort. endor. by Ala. gold...	391,000	8*	Jan. & July.	New York.	1890	....
2d Mortgage preferred (Series C)	1,400,000	7	Feb. & Aug.	"	1894	67 1/2	Sterling Mort., guar. by L. & N.	21,838,000	6*	May & Nov.	London.	....	....
2d Mortgage preferred (Series D)	1,400,000	7	May & Nov.	"	1894	....	South Pacific (St. Louis & San F.):						
2d Mortgage Income (Series E)	1,700,000	7	"	"	1884	31	1st Mortgage gold, assumed....	7,194,500	8*	Jan. & July.	New York.	1888	90
Equipment Mortgage.....	300,000	10	March & Sept.	"	1894	....	South Shore (Mass.):						
St. Louis, Iron Mt. and Southern:							1st Mortgage, sinking fund.....	150,000	6	April & Oct.	Boston	'80-'81	102
1st Mort. (St. Louis & Iron Mt.)	4,000,000	7	Feb. & Aug.	New York.	1892	109	South Side, Va. (A., M. and O.):						
2d Mort. ( " ).....	6,000,000	7*	May & Nov.	"	1897	65 1/2	1st preferred bonds.....	675,000	8	Jan. & July.	New York.	'84-'90	102
1st Mort. L.G. (Arkansas Br'h)	2,500,000	7*	June & Dec.	"	1897	....	2d preferred bonds.....	621,000	6	"	"	'84-'90	77
1st Mort. (Cairo, Ark. & Tex.)	1,500,000	7*	"	"	1897	....	3d preferred bonds.....	452,900	6	"	"	'84-'90	66 1/2
Consolidated Mortgage.....	1,500,000	7	"	"	1899	....	Southern Central (N. Y.):						
St. Louis, Jacksonville & Chicago:							1st Mortgage, skg fund conv....	1,500,000	7	Feb. & Aug.	New York.	1890	....
1st Mortgage.....	2,929,000	7	April & Oct.	New York.	1894	....	2d Mortgage.....	600,000	7*	March & Sept.	"	1882	108
2d Mortgage.....	948,000	7	Jan. & July.	"	1898	....	Southern Iowa and Cedar Rapids:						
St. Louis, Kansas City & North:							1st Mortgage gold.....	1,500,000	7*	May & Nov.	New York.	1900	....
1st Mortgage (North Missouri)	6,000,000	7	Jan. & July.	New York.	1895	101 1/2	Southern of L. L.						
Real estate & 2d M. for \$3,000,000	993,000	7	March & Sept.	"	1895	88	1st Mortgage (South Side R. R.)	750,000	7	March & Sept.	New York.	1887	80
St. Louis, Lawrence and Denver:							2d Mort., Sinking Fund.....	1,500,000	7	May & Nov.	"	1900	20 1/2
1st Mort. guar. by Atl. and Pac.	1,020,000	6*	Jan. & July.	New York.	1901	....	Southern Minnesota:						
St. Louis and South Eastern:							1st Mortgage land grant tax free	3,340,000	8	Apr. & Oct.	New York.	'78-'88	....
1st Mort. gold skg fund conv....	2,307,000	7	May & Nov.	New York.	1894	....	2d Mortgage, land grant.....	1,252,000	7	Jan. & July.	"	1890	....
1st M. (Evans, D.) gold skg f'd. con	1,000,000	7	"	"	1896	....	Southern (Cal.) Pacific:						
1st Mort. (Evans, Hen. & Nash.)	1,000,000	7	Jan. & July.	"	1897	....	1st Mortgage gold for \$23,000,000.	11,000,000	6*	April & Oct.	New York.	....	94 1/2
Consol. Mort. Skg. Fund.....	2,000,000	7	Feb. & Aug.	"	1902	....	Southern Pennsylvania:						
St. Louis, Van. & T. H. (T.H. & L.):							1st Mortgage gold.....	625,000	7*	March & Sept.	Philadelphia.	1900	....
1st Mortgage, guaranteed.....	1,899,000	7	Jan. & July.	New York.	1897	....	2d Mortgage gold.....	88,000	7*	"	"	1890	....
2d Mortgage, (A.) guaranteed.....	1,600,000	7	May & Nov.	"	1898	....	South Western (Gen. of Ga.):						
2d Mortgage (B.) convertible.....	1,000,000	7	"	"	1899	....	1st Mortgage, various conv....	391,000	7	various.	Macon.	'72-'86	....
St. Louis and San Francisco:							2d Mortgage (Muscookee) conv....	300,000	7	"	"	'72-'76	....
1st Mortgage A for \$500,000....	319,840	6*	May & Nov.	New York.	1906	52	Spartanburg and Union:						
2d Mort. B. & C for \$5,200,000.	4,959,142	2*	"	"	1906	30	1st Mortgage, end. by S. Car....	350,000	7	Jan. & July.	Charleston.	1879	....
St. Paul and Pacific 1st Division:							1st Mortgage not endorsed....	198,370	7	"	"	1879	....
1st Mort. (St. P. to St. Anth.) 10m.	120,000	8	March & Sept.	New York.	1892	....	Springfield, Athol & Northeastern:						
1st M. (St. Paul to Watlab) 80m.	369,000	7	Jan. & July.	"	1892	....	1st Mortgage.....	416,000	7	Jan. & July.	Boston.	'88-'91	....
2d Mort. (do.) & 1st land gr.	1,145,750	7	June & Dec.	"	1892	....	Springfield & Illinois S. Eastern:						
1st M. (Main L.) R.R. & Lands.	3,000,000	7*	May & Nov.	London.	....	....	1st Mortgage gold, tax free.....	3,400,000	7*	Feb. & Aug.	New York.	1899	....
2d M. (do.) R.R. & Lands.	8,500,000	7*	"	"	....	....	2d Mortgage gold, tax free.....	446,000	7*	April & Oct.	"	1900	....
General Mortgage for \$15,000,000		7*	"	"	....	....	Springfield and Northwestern:						
St. Paul, Stillwater & Taylor's F.:							1st Mortgage gold, skg fund....	500,000	7*	Feb. & Aug.	New York.	1901	....
1st Mortgage.....	450,000	8	Jan. & July.	New York.	1901	....	Staten Island:						
Salem (West Jersey):							1st Mortgage.....	200,000	7	Jan. & July.	New York.	1886	56
1st Mortgage guar.....	100,000	6	Jan. & July.	Philadelphia.	1878	....	Stanstead, Shefford and Chamblay:						
Salem and Lowell (B. & L.):							1st Mort., Guar. by Cent. Verm.	500,000	7	Jan. & July.	Boston.	1887	36
1st Mortgage.....	225,000	6	Feb. & Aug.	Boston.	1878	80	Sullivan (Central Verm.):						
Sand., Mansfield & Newark (B. & O.)							2d Mortgage.....	250,000	6	Feb. & Aug.	Boston.	1881	....
1st Mortgage guaranteed.....	2,301,000	7	Jan. & July.	New York.	1900	91	Sullivan and Erie:						
Saratoga & Whitehall (R. & S.):							1st Mortgage, skg fund.....	1,000,000	7	May & Nov.	New York.	1886	....
1st Mortgage, guaranteed.....	400,000	7	March & Sept.	New York.	1886	....	Summit Branch:						
Savannah, Albany & Gulf (A & G):							1st Mortgage.....	800,000	7	Jan. & July.	N.Y., Bost. Ph.	1904	95
Sectional Mort.....	310,000	7	Jan. & July.	New York.	Var.	....	Sunbury and Lewiston:						
Savannah and Charleston:							1st Mortgage gold.....	1,200,000	7*	April & Oct.	Philadelphia.	1890	....
1st Mortgage (Sav. & Char.).....	500,000	7	Jan. & July.	New York.	1889	....	Income Mort. gold.....	200,000	6*	"	"	1891	....
State guaranteed (C. & S.) bonds.	505,000	6	March & Sept.	Charleston.	1877	....	Suspens. Bridge & Erie Junc. (E.):						
Funded Interest bonds, guar....	111,800	7	"	New York.	1889	....	1st Mortgage.....	1,000,000	7	.....	New York.	....	....
Savannah, Griffin & North Ala.:							Syracuse, Bing. & N.Y. (D.L. & W.):						
1st Mortgage for \$500,000 guar....	152,000	7	Jan. & July.	Macon.	1891	....	1st Consol. Mortgage.....	1,750,000	7	April & Oct.	New York.	1906	....
Savannah and Memphis:							2d Mortgage (now 1st).....	270,000	7	June & Dec.	"	1887	101
1st Mort., gold, endor. by State.	16,000pm	5*	May and Nov.	New York.	1890	....	Syracuse and Chenango Valley:						
Schenectady & Susq. (D. & H. Can.):							1st Mort. gold, for \$500,000....	500,000	7*	Feb. and Aug.	New York.	1891	....
1st Mortgage gold, tax free.....	400,000	7*	Jan. & July.	New York.	1900	....	Tebo and Neosho (M. K. & T.):						
Schoolcraft & Three R. (L. & M.S.):							1st Mortgage gold, skg fund....	1,163,000	7*	June & Dec.	New York.	1903	....
1st Mortgage.....	100,000	8	Jan. & July.	New York.	1887	....	Terre Haute & Indianapolis:						
Seaboard and Roanoke:							1st Mortgage.....	800,000	7	April & Oct.	New York.	1879	....
1st Mortgage.....	210,000	7	Jan. & July.	New York.	1880	....	Bonds of 1873 for \$1,800,000....	516,000	7	"	"	1894	....
Seima and Gulf:							Texas and Pacific:						
1st Mort. (guar. by Ala.).....	1,888,000	8	April & Oct.	New York.	1890	....	1st Mortgage, 8,000 per mile....	3,552,000	6*	Mar. & Sept.	N.Y., Ph. Lon.	1905	89
Seima, Marion and Memphis:							Consolidated Mortgage.....	7,548,000	6*	June & Dec.	"	1905	....
1st Mort. guar. by Ala.....	16,000pm	8	March & Sept.	New York.	1889	....	Income and Land Grant.....	7,706,225	7	July.	N. Y. & Phil.	1915	....
Seima, Rome and Dalton:							Toledo, Can. Southern & Detroit:						
1st Mortgage, tax free.....	3,000,000	7	April & Oct.	New York.	1887	....	1st Mortgage.....	1,500,000	7*	Jan. and July.	.....	1906	50 1/2
2d Mortgage.....	4,000,000	7	Jan. & July.	"	1891	....	Toledo, Peoria and Warsaw:						
Equipment Mortgage.....	230,000	10	"	"	1881	....	1st Mortgage (Eastern Div.)....	1,600,000	7	June & Dec.	New York.	1894	96
Shamokin Valley & Pottav. (N.C.):							1st Mortgage (Western Div.)....	1,800,000	7	Feb. and Aug.	"	1896	95
1st Mortgage, on road and lands.	2,000,000	7*	Jan. & July.	Philadelphia.	1901	100	2d Mort. conv. ( " ).....	1,300,000	7	April & Oct.</			



## AMERICAN RAILROAD BOND LIST.

The Letter (c) affixed to Rate of Interest Signifies "Payable in Gold."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Troy & Bennington (T. & B.):							Western Maryland:						
1st Mortgage skg fund, guar.....	59,700	7	Jan. & July.	Troy.	1878	....	1st Mortgage, unendorsed.....	400,000	6	Jan. and July.	Baltimore.	1890	100
Troy and Boston:							1st Mort. endor. by Balt.....	200,000	6	"	"	1890	108
1st Mortgage.....	300,000	7	Jan. & July.	New York.	1887	....	2d Mort. " " " " " " " "	300,000	6	"	"	1890	104
2d Mortgage.....	300,000	7	April & Oct.	"	1886	....	2d Mort. endor. by Wash. Co.....	300,000	6	"	"	1890	109
3d Mortgage.....	650,000	7	May and Nov.	"	1876	....	2d Mortgage preferred.....	600,000	6	"	"	1895	99
Convertible Bonds.....	648,000	7	"	"	1882	....	3d Mortgage endor. by Balt.....	875,000	6	"	"	1900	110
Troy, Salem & Rutland (R. & Sar.):							4th Mortgage.....	1,000,000	6	"	"	1900	....
1st Mortgage, guaranteed.....	500,000	7	May and Nov.	New York.	1890	....	Western Pacific (Gen. Pac.):						
Troy Union (and Depot):							1st Mort., assumed.....	2,735,000	6c	Jan. and July.	New York.	1899	104 1/2
1st Mortgage, guaranteed.....	680,000	6	Jan. & July.	New York.	1878	....	Western Pennsylvania (Penn.):						
Tuckerton:							1st Mortgage.....	800,000	6	Apr. and Oct.	Philadelphia.	1893	92 1/2
1st Mortgage.....	408,000	7	April & Oct.	Philadelphia.	1901	....	1st Mortgage (Pittsb. Branch).....	1,000,000	6	Jan. and July.	"	1896	....
Union Pacific:							General Mortgage.....	1,200,000	7	"	"	....	....
1st Mortgage gold, tax free.....	27,231,000	6c	Jan. & July.	N. Y. & Bos.	'96-'99	107 1/2	Western Union (Chi., M. & St. P.):						
1st Mort. Land Grant.....	7,145,000	7	Apr. and Oct.	"	1887	106 1/2	1st Mortgage for \$5,000,000.....	3,500,000	7	Jan. and July.	New York.	1896	....
2d Mortgage (Gov. subidy).....	27,236,512	6	Jan. & July.	U.S. Treasury.	'96-'99	....	West Jersey:						
3d Mortgage Sinking Fund.....	14,045,000	8	March & Sept.	New York.	1894	103 1/2	Debenture bonds guar. by C. & A.....	400,000	6	March & Sept.	Camden.	1883	80
Omaha Bridge Bonds Sterling.....	2,225,000	8c	Apr. and Oct.	London.	1896	....	1st Mortgage.....	1,000,000	6	Jan. and July.	"	1896	106
Union Pacific (Central Div.):							1st Mortgage (Salem) guar.....	100,000	6	"	Philadelphia.	1878	....
1st Mortgage gold, tax free.....	1,600,000	6c	May and Nov.	New York.	1896	....	1st Mort. (Swedesboro) guar.....	200,000	6	June & Dec.	Camden.	....	....
2d Mortgage (Gov. subidy).....	1,600,000	6	Jan. & July.	U.S. Treasury.	'96-7-8	....	2d Mort. (Cape May & Millville).....	500,000	7	Apr. and Oct.	"	....	98
Union Pacific, S. Br. (M.K. & T.):							Consolidated Mortgage.....	1,000,000	7	"	"	1899	107
1st Mortgage gold, skg fund.....	3,220,000	6c	Jan. & July.	New York.	1899	....	West Wisconsin:						
Union & Titusville (P., T. & Buff):							1st Mort. land gr. gold skg fund	3,900,000	7c	Jan. and July.	N. Y. or Lond.	1887	....
1st Mortgage.....	500,000	7	Jan. & July.	New York.	1890	37	1st Mort. (Southern Extension).....	640,000	7c	"	"	1902	....
United N. J. R. R. & Canal Cos.:							White Water Valley:						
Loan of 1901 (United Compa's)	3,000,000	6	March & Sept.	Philadelphia.	1901	103	1st Mortgage.....	1,021,840	8	Feb. and Aug.	Cincinnati.	1890	10
Sterling Loan \$369,200 (U. Co's)	1,848,000	6c	"	London.	1894	....	Wico Mico and Pocomoke:						
Sterling Loan \$360,000 ( " )	1,800,000	6c	"	"	1894	....	1st Mortgage.....	200,000	6	Jan. and July.	New York.	1888	....
Loan of 1894 Sk. Fund ( " )	2,000,000	6	Apr. and Oct.	Philadelphia.	1894	....	Williamston and Tarboro':						
Loan of 1888 (United Compa's)	154,000	6	Feb. and Aug.	"	1888	96	1st Mortgage.....	350,000	8	May and Nov.	New York.	1900	....
3d to State of N. Jer. (U. Co's)	500,000	7	(Due 90 days after demand.)	London.	1890	....	Wilmington, Colum. & Augusta:						
Sterling S.F. \$262,000 (C. & Am.)	1,310,000	6c	Feb. and Aug.	Philadelphia.	1883	104 1/2	1st Mortgage.....	3,800,000	7	June & Dec.	Baltimore.	1900	35
Loan of 1883 (Camden & Amb'y)	1,700,000	6	"	Princeton.	1889	102	Wilmington and Reading:						
Loan of 1889 ( " )	866,000	6	June & Dec.	Philadelphia.	1889	109	1st Mortgage.....	1,200,000	7	Apr. and Oct.	Philadelphia.	1900	43 1/2
Mortg. Loan ( " )	5,000,000	6	May and Nov.	New York.	1879	....	2d Mortgage coupon or regis.....	1,700,000	7	Jan. and July.	"	1902	10
Loan of '78 (N. J. R. R. & T. Co.)	450,000	6	Feb. and Aug.	N. Y. (Over Due.)	....	....	Wilmington and Weldon:						
Bond to State of N. J. (do.)	100,000	7	Apr. and Oct.	"	....	....	Sterling Bonds.....	648,700	6c	Jan. and July.	London.	1881	....
Utah Central:							Sterling Bonds.....	221,400	7c	May and Nov.	"	1886	....
1st Mortgage.....	1,000,000	6	Jan. & July.	Salt Lake City	1890	....	Sinking Fund gold, Bonds.....	749,000	7c	Jan. and July.	New York.	1896	9 1/2
Utah Southern:							Wilmington and Western (Del.):						
1st Mortgage.....	660,000	7	Jan. & July.	Salt Lake City	1891	....	1st Mortgage.....	500,000	7 1/2	J. A. J. & O.	Phil. & Wilm.	1892	....
Utica and Black River:							Winona & St. Peter (C. & N. W.):						
1st Mortgage.....	200,000	7	Jan. & July.	N. Y. & Utica.	1878	....	1st Mortgage \$20,000 p. m.....	2,750,000	7	Jan. and July.	New York.	1887	104
Bonds of 1871 (2d issue).....	675,000	7	"	"	1891	....	2d Mortgage \$12,000 p. m.....	1,550,000	7	May and Nov.	"	1907	90
Utica, Ithaca and Elmira:							Extension mortgage bonds.....	4,375,000	7c	June & Dec.	"	1916	....
1st Mortgage, Sterling.....	1,500,000	7 1/2	Jan. & July.	London.	1902	....	Wisconsin Central:						
Vermont Cent. - See Central Vt.							1st M. L. G. gold S. F. \$25,000pm	4,018,800	7c	Jan. and July.	Boston.	1901	15
Vermont and Massachusetts:							Worcester (Md.):						
1st Mortgage sinking fund.....	550,000	6	Jan. and July.	Boston.	1883	104 1/2	1st Mortgage.....	210,000	6	Jan. and July.	Baltimore.	1891	....
Convertible bonds, tax free.....	200,000	7	"	"	1879	104 1/2	Worcester and Nashua:						
Convertible bonds.....	150,000	7	"	"	1886	167	Plain Bonds.....	125,000	7	Jan. and July.	Boston.	1881	....
Vicksburg and Meridian:							Plain Bonds.....	185,200	6	"	Various.	'81-'87	....
1st series (red).....	717,500	7	Jan. and July.	Philadelphia.	1890	....	Plain Bonds.....	250,000	7	Apr. and Oct.	"	1893	107 1/2
General 2d series (blue).....	850,000	7	"	"	1890	....	Plain Bonds.....	400,000	7	Feb. and Aug.	"	1896	....
Mortgage 3d series (black).....	138,700	7	"	"	1890	....	CANAL BONDS.						
4th series (not end.).....	1,141,700	7	Apr. and Oct.	"	1890	....	Chesapeake and Delaware:						
Special Loan 1871.....	213,900	8	Jan. and July.	"	1890	....	1st Mortgage sinking fund.....	1,993,750	6	Jan. and July.	Philadelphia.	1896	70
Vineyard:							Chesapeake and Ohio:						
1st Mortgage tax free.....	750,000	7	Apr. and Oct.	New York.	1890	....	Sterling Loan guaranteed.....	4,375,000	6c	J. A. J. & O.	London.	1890	....
Virginia & Tennessee (A.M. & O.):							Preferred Bonds (next lien).....	1,699,500	6	Jan. and July.	Baltimore.	1886	70
1st Mortgage.....	5,000	6	Jan. and July.	N.Y. & Lynch.	1878	....	Delaware Division (L.C. & N.):						
3d Mortgage.....	900,000	6	"	"	1884	37 1/2	1st Mortgage, guaranteed.....	800,000	6	Jan. & July.	Philadelphia.	1898	98
5th Mortgage.....	989,000	8	March & Sept.	"	1900	97	Delaware and Hudson:						
Registered Certificates.....	24,191	8	Jan. and July.	"	1875	....	1st Mort. 1st series, July 1, 1899	2,500,000	7	Jan. and July.	New York.	1894	96 1/2
Funded Interest.....	226,900	8	"	"	1880	....	reg. 3d series, Jan. 1, 1871	5,000,000	7	"	"	1891	97 1/2
Wallkill Valley (Erie):							Coupon bonds of 1874.....	3,000,000	7	Apr. and Oct.	"	1894	96 1/2
1st Mortgage gold, tax free.....	810,500	7c	Apr. and Oct.	New York.	1901	....	Registered bonds of 1874.....	2,000,000	7	"	"	1894	....
Warren (D. L. & W.):							Lehigh Coal and Navigation:						
1st Mortgage, guaranteed.....	611,400	7	Feb. and Aug.	New York.	1875	....	Loan of 1877, Debentures.....	762,778	6	June & Dec.	Philadelphia.	1877	....
2d Mortgage, guaranteed.....	750,000	7	May and Nov.	"	1900	106	Convertible Debentures.....	41,550	6	"	"	1882	....
Warren & Franklin (P. T. & B.):							Convertible Loan, gold.....	771,000	6c	March & Sept.	"	1894	95 1/2
1st Mortgage, assumed.....	1,500,000	7	Feb. and Aug.	Philadelphia.	1882	77	1st Mortgage, registered.....	6,381,985	6	J. A. J. & O.	"	1894	106 1/2
Warwick Valley (Erie):							1st Mortgage, reg. (R. R.).....	2,000,000	6	F. M. A. & N.	"	1897	106 1/2
1st Mortgage.....	60,000	7	Apr. and Oct.	New York.	1880	....	Mortgage (equip.) Loan, gold.....	4,668,500	6c	June & Dec.	"	1897	7 1/2
Wasatch and Jordan Valley:							Consolidated Mortgage.....	1,115,000	7	"	"	1911	72
1st Mortgage.....	150,000	9c	May and Nov.	New York.	1893	....	Greenwood Mortgage Loan.....	717,000	7	Feb. and Aug.	"	1892	....
Washington City, Va. Mid. & Gt. So.:							Greenwood Mortgage Loan.....	717,000	6	Apr. and Oct.	"	1877	....
1st Mort. (O., Alex. & Manassas)	1,650,000	7	Jan. and July.	Baltimore.	1882	43	Monongahela Navigation:						
2d Mort. ( " )	350,000	7	"	"	1891	....	1st Mortgage.....	103,000	6	Jan. and July.	New York.	1887	....
1st Mort. (Orange & Alexandria)	400,000	6	May and Nov.	"	1873	85	Morris (and Banking):						
2d Mort. ( " )	1,300,000	6	Jan. and July.	"	1875	75	1st Mortgage.....	500,000	6	Apr. and Oct.	Philadelphia.	1876	99
3d Mort. ( " )	600,000	8	May and Nov.	"	1873	37 1/2	Boat Loan, sinking fund.....	226,966	7	Apr. and Oct.	"	1899	100 1/2
4th Mort. ( " )	700,000	8	March & Sept.	"	1880	16	Preferred Stock Dividend Scrip.	103,164	7	Jan. and July.	"	1887	....
Funded Coupons (do.)	722,664	....	"	"	....	....	Pennsylvania:						
1st Mort. (Lynchburg & Danville)	621,000	....	Apr. and Oct.	"	1898	....	1st Mortgage skg fund guar.....	2,805,000	6	</			



## RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &amp;c., &amp;c.

Notes: (1) occurring in the column headed "Rolling Stock" signifies that the cost thereof is included, in that headed "Railroad." A dash (-) across the column signifies "nil" and running data (....) signifies "not ascertained." (2) Land Grant Railroads are printed in "Italics." State-aid Railroads are distinguished by a "t."

Abstract of General Balance Sheet										Property and Assets		Operations.		Earnings.		Value of Shares.			
										Rolling Stock.		Trains Moved.		Freight.		Dividends.		Market.	
										Railroad.		Passengers.		Gross.		Par.		p.c.	
										Freight.		Number.		Tons.		Net.		p.c.	
										R. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
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										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
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										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
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										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.		p.c.	
										P. M. E.		M.		Tons.		Net.</			



[illegible]



**RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.**

Rolling Stock" occurring in the column headed "Rolling Stock" signifies that the cost thereof is included, in that headed "Railroad." A dash (—) across the column signifies "nil," and running *d/d* (....) signify "not ascertainable."

[illegible]



Sept. 30, 1877	405	178	1,003	L. S. & Mich. S. N. Y. P. O. Mich., Ind. & Ill.	65,454,777	1,578,769	50,000,000	25,000,000	47,829	1,176,826,267,925	2,784,801	5,842,284	13,214,534	8,667,210	1,000,000
Jan. 1, 1878	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Feb. 1, 1878	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Mar. 1, 1878	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Apr. 1, 1878	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
May 1, 1878	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
June 1, 1878	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
July 1, 1878	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Aug. 1, 1878	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Sept. 1, 1878	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Oct. 1, 1878	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Nov. 1, 1878	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Dec. 1, 1878	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Jan. 1, 1879	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Feb. 1, 1879	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Mar. 1, 1879	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Apr. 1, 1879	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
May 1, 1879	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
June 1, 1879	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
July 1, 1879	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Aug. 1, 1879	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Sept. 1, 1879	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Oct. 1, 1879	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Nov. 1, 1879	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Dec. 1, 1879	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Jan. 1, 1880	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Feb. 1, 1880	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Mar. 1, 1880	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Apr. 1, 1880	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
May 1, 1880	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
June 1, 1880	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
July 1, 1880	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Aug. 1, 1880	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Sept. 1, 1880	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Oct. 1, 1880	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Nov. 1, 1880	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Dec. 1, 1880	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Jan. 1, 1881	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Feb. 1, 1881	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Mar. 1, 1881	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Apr. 1, 1881	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
May 1, 1881	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
June 1, 1881	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
July 1, 1881	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Aug. 1, 1881	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Sept. 1, 1881	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Oct. 1, 1881	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Nov. 1, 1881	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Dec. 1, 1881	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Jan. 1, 1882	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Feb. 1, 1882	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Mar. 1, 1882	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Apr. 1, 1882	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
May 1, 1882	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
June 1, 1882	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
July 1, 1882	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Aug. 1, 1882	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Sept. 1, 1882	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Oct. 1, 1882	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Nov. 1, 1882	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Dec. 1, 1882	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Jan. 1, 1883	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Feb. 1, 1883	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Mar. 1, 1883	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Apr. 1, 1883	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
May 1, 1883	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
June 1, 1883	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
July 1, 1883	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Aug. 1, 1883	11	12	3	346	Lake Superior and Michigan	7,574,082	721,956	6,132,500	7,692,000	97,419	109,0	697,419	49,768	250,598	698,419
Sept. 1, 1883	11	12	3	346	Lake Superior and Michigan										



## RAILROAD SHARE LIST, INCLUDING MILEAGE, ROLLING STOCK, DEBTS, INCOME, DIVIDENDS, &amp;C., &amp;C.

Special note concerning "the column headed 'Rolling Stock'" signifies that the cost thereof is included, in that headed "Railroad." A dash (-) across the column signifies "nil" and running dots (....) signify "not ascertainable."

Date	Main Line	Branch Line	Track and Sidings	Railroad in progress	Engines	Pass.	Freight	Company	Property and Assets		Liabilities		Operations		Earnings		Market	Value of Shares	
									Railroad	Rolling Stock	Assets	Accounts and Cash	Stocks	Bonds	Accounts	Surplus Income			Railroad Operated
Oct. 31, 1876	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Dec. 31, 1876	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Feb. 28, 1877	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Apr. 30, 1877	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
June 30, 1877	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Aug. 31, 1877	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Oct. 31, 1877	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Dec. 31, 1877	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Feb. 28, 1878	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Apr. 30, 1878	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
June 30, 1878	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Aug. 31, 1878	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Oct. 31, 1878	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Dec. 31, 1878	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Feb. 28, 1879	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Apr. 30, 1879	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
June 30, 1879	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Aug. 31, 1879	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Oct. 31, 1879	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Dec. 31, 1879	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Feb. 28, 1880	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Apr. 30, 1880	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
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Aug. 31, 1880	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Oct. 31, 1880	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Dec. 31, 1880	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Feb. 28, 1881	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
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Feb. 28, 1882	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
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Aug. 31, 1882	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Oct. 31, 1882	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Dec. 31, 1882	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Feb. 28, 1883	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Apr. 30, 1883	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
June 30, 1883	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Aug. 31, 1883	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Oct. 31, 1883	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Dec. 31, 1883	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Feb. 28, 1884	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
Apr. 30, 1884	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,000,100	5,954,800	1,034,082	464,385	108.3	1,012,000
June 30, 1884	1576	326	77.1	69	57	69	29	1173	North Pennsylvania	5,709,915	743,800	4,279,308	250,325	4,0					



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**Mining.**

The output of the mines of Queensland Australia for last year was—by the Colonial Report recently issued—873,266 ounces of gold, which at an average price of \$17 per ounce represents \$3,345,622. The average yield of the ore was two ounces per ton or \$34; the mining population was 17,903, including over 13,000 Chinese. The average per man was \$354 78.

The Southern Nevada Mining Company as we learn from its agent in New York Mr. H. C. Bean, will soon withdraw from the market the shares it is now offering, as all the assistance it required to develop its remarkably rich ledges has been secured on favorable terms. Our information is to the effect that a better property is not possessed by any existing company. Six thousand lineal feet of ledge, of ore yielding an average of \$400 per ton such as this company possesses has not yet been paralleled.

The gold deposits of the Southern States are beginning to attract an active attention to which they have long been strangers. During and since the Civil war they have been entirely ignored, and while all the appliances of capital and science have been brought to develop the mines of the Far West those so much nearer to us have remained in absolute obscurity so far as their intrinsic value is concerned. Their day, however, is now near at hand to judge by the indications of renewed activity we note, both in bringing their merits before the Eastern public and also in the actual work of development.

Amongst the Virginia group of mines we learn that the Randolph and the Stringfellow are pushing their works vigorously. Mr. Lawrence, the Superintendent of the former, returned this week from the property and reports a highly favorable development in the vein which the Newman shaft penetrates, the metallic percentage which was excellent before being largely increased at the depth of 60 feet which had been reached.

This Newman shaft strikes the same vein on which Shaft No. 6 of the Stringfellow mine is located and the managers of that company reasonably expect to find a similar improvement in their average when they get down below their present surface level.

Mr. A. S. Morrow, a resident of Buckingham County, Virginia, now visiting this city, favored a representative of the JOURNAL with an interesting description of the general character of mines and mining in that district. As Mr. Morrow has a large extent of auriferous land which he is working on his own account without having any intention of selling it, his testimony is valuable. The general grade of ore in that portion of the State, says Mr. Morrow, averages about \$16 to the ton and exceptionally higher. The cost of extracting and milling is about \$4 per ton or less. A great deal of mining is being done quietly by men who work their ledges as they would their farms, without any of the appliances that make mining fully profitable. They dig shafts till they reach water and then, rather than buy a pump, begin on another hole. Instead of mills they use the Mexican plan of an arrastro. Mr. Morrow be-

lieves that when enterprise and capital ever get a foothold there the developments will astonish those who are now accustomed to regard the West as the only valuable mining region in the States.

The mining interests of Arizona are well represented in this city by the Isabella Mill and Mining Company. The last advices received from the property by Mr. Holbrook, the Vice President, report very favorable progress. The "Happy Jack" shaft is now 32 feet deep and the latest assay from that level gave an average of \$2,000 per ton. This rate cannot of course be expected to be maintained but the whole ledge is unquestionably of a very high quality ore. Wood and water are abundant and as there is no chemical combination between the rock and the gold requiring an expensive amalgamating process to extract it, the cost of extraction is reduced to a minimum.

We are compelled to defer our notice of the gold mines of the Carolinas until next issue.

The St. Elmo Hotel, Nos. 317 and 319 Arch St., Philadelphia, Pa., has been recently refitted and refurnished throughout, and is complete in all its appointments. The rooms are large and airy, and the Table D'Hôte replete with the delicacies of the season. The gentlemanly proprietor, Col. Joseph M. Ferger, is always on the alert to provide for the comfort and ease of his guests. The St. Elmo is located in the immediate vicinity of the business centres and places of amusement, and accessible to all the Railroad Depots and other parts of the city by street cars constantly passing its doors. The rates have been reduced to \$2 per day. We take pleasure in recommending Col. Ferger's Hotel to our friends and the traveling public as possessing all the essential requirements of a first-class house.

The Burlington and Missouri River Railroad Company in Nebraska has declared an extra dividend of \$2 25 per share out of the net income of the unpledged third of the lands, payable Dec. 16 to shareholders of record Dec. 7.

A new railroad between Indianapolis and Chicago is projected, to strike the Indiana State line at Dyer, and run through Newton, Benton and Clinton counties. It will nearly follow the course of the Kankakee line.

A certificate of incorporation has been filed with the Secretary of State of Ohio of the Winelow Safety Car Stove company, Cleveland, capital stock, \$125,000, in shares of \$100 each, by A. D. Winslow and others.

There is a project on foot to construct a branch railroad from Mansfield, Pa., to McKee's Rocks, to connect with the Pittsburg and Lake Erie Railroad, at the mouth of Chartiers creek.

The Columbus and Marysville (narrow gauge) Railroad Co. are laying track on the portion of the road between Hillsboro and Sardinia, a distance of about fifteen miles.

Work has been commenced on the Stillwater Valley (Ohio) Railroad. It will, when completed, open up a large and rich country heretofore inaccessible to the people of Dayton.

**Philadelphia Stock Exchange.**

Closing Prices for the week ending Nov. 25.

	W. 20.	Th. 21.	F. 22.	Sat. 23.	M. 24.	Tu. 25.
Allegheny Val. 7 3/10s.	107 1/2	107 1/2	107 1/2	107 1/2	107 1/2	107 1/2
7s, Income.	24	24	24	24	24	24
Camden & Am. 6s, 1885.	109	109	109	109	109	109
6s, 1889.	109	109	109	109	109	109
Mort. 6s, 1889.	109	109	109	109	109	109
Camden and Atlantic.	109	109	109	109	109	109
Preferred.	109	109	109	109	109	109
1st mortgage.	109	109	109	109	109	109
2d mortgage.	109	109	109	109	109	109
Catawissa.	109	109	109	109	109	109
Preferred.	109	109	109	109	109	109
New preferred.	109	109	109	109	109	109
7s, new.	109	109	109	109	109	109
Del. & Bound Brook.	109	109	109	109	109	109
7s.	109	109	109	109	109	109
Elmira & Williamsport.	109	109	109	109	109	109
Preferred.	109	109	109	109	109	109
7s.	109	109	109	109	109	109
Hunt. & B. Top Mt.	109	109	109	109	109	109
Preferred.	109	109	109	109	109	109
2d mortgage.	109	109	109	109	109	109
Lehigh Navigation.	16 1/2	16 1/2	16 1/2	16 1/2	16 1/2	16 1/2
6s, 1884.	105 1/2	105 1/2	105 1/2	105 1/2	105 1/2	105 1/2
Gold Loan.	105 1/2	105 1/2	105 1/2	105 1/2	105 1/2	105 1/2
Railroad Loan.	105 1/2	105 1/2	105 1/2	105 1/2	105 1/2	105 1/2
Conv. Gold Loan.	105 1/2	105 1/2	105 1/2	105 1/2	105 1/2	105 1/2
Lehigh Valley.	37 1/2	37 1/2	37 1/2	37 1/2	37 1/2	37 1/2
6s, new, coupon.	114	114	114	114	114	114
6s, new, registered.	114	114	114	114	114	114
7s.	116 1/2	116 1/2	116 1/2	116 1/2	116 1/2	116 1/2
Consol. mort. 6s.	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2
Little Schuylkill.	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2
Minehill & Sch. Haven.	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2
North Pennsylvania.	37 1/2	37 1/2	37 1/2	37 1/2	37 1/2	37 1/2
1st mortgage 6s.	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2
2d mortgage 7s.	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2
Gen'l mort. 7s, coup.	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2
Gen'l Mort. 7s, reg.	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2
Northern Central.	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2
Pennsylvania R. R.	33	33	33	33	33	33
1st mortgage.	105 1/2	105 1/2	105 1/2	105 1/2	105 1/2	105 1/2
Gen'l mortgage.	105 1/2	105 1/2	105 1/2	105 1/2	105 1/2	105 1/2
Gen'l mort. reg.	110	110	110	110	110	110
Consol. mort. 5s.	110	110	110	110	110	110
Penn. & N.Y. Canal 7s.	117	117	117	117	117	117
Penn. State 6s, 2d series.	104 1/2	104 1/2	104 1/2	104 1/2	104 1/2	104 1/2
do. 3d series 111	111	111	111	111	111	111
do. 5s, new.	111	111	111	111	111	111
Philadelphia City, 6s.	103	103	103	103	103	103
6s, new.	117 1/2	117 1/2	117 1/2	117 1/2	117 1/2	117 1/2
Phila. and Reading.	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2
Debtenture bonds.	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2
7s, of 1893.	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2
7s, new convertible.	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2
Gen'l mortgage 7s.	102	102	102	102	102	102
Gen'l mortgage, reg.	102	102	102	102	102	102
Philadelphia and Erie.	103 1/2	103 1/2	103 1/2	103 1/2	103 1/2	103 1/2
1st mortgage, 6s.	103 1/2	103 1/2	103 1/2	103 1/2	103 1/2	103 1/2
2d mortgage, 7s.	103 1/2	103 1/2	103 1/2	103 1/2	103 1/2	103 1/2
Pittab. Clin. & St. L. 7s.	94 1/2	94 1/2	94 1/2	94 1/2	94 1/2	94 1/2
Pittab. Titusv. & Bufd.	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
7s.	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
Schuylkill Navigation.	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2
Preferred.	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2
6s, 1872.	88 1/2	88 1/2	88 1/2	88 1/2	88 1/2	88 1/2
6s, 1882.	69 1/2	69 1/2	69 1/2	69 1/2	69 1/2	69 1/2
6s, 1895.	69 1/2	69 1/2	69 1/2	69 1/2	69 1/2	69 1/2
United Co. of N. Jersey 180	130	130	130	130	130	130
Hestonville, (Horse).	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
Chestnut & Wal. (do.).	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
Germantown (do.).	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
Green and Conates (do.).	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
Lombard & 8th. (do.).	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
2d and 3d streets (do.).	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
Spruce and Pine (do.).	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
15th and 16th sts. (do.).	44 1/2	44 1/2	44 1/2	44 1/2	44 1/2	44 1/2

**Baltimore Stock Exchange.**

Closing Prices for the week ending Nov. 25.

	W. 20.	Th. 21.	F. 22.	Sat. 23.	M. 24.	Tu. 25.
Baltimore and Ohio.	84 1/2	84 1/2	84 1/2	84 1/2	84 1/2	84 1/2
6s, 1880.	87	87	87	87	87	87
6s, 1885.	106	106	106	106	106	106
Central Ohio.	106	106	106	106	106	106
1st mortgage.	106	106	106	106	106	106
Marietta & Cincinnati.	106	106	106	106	106	106
1st mortgage, 7s.	58 1/2	58 1/2	58 1/2	58 1/2	58 1/2	58 1/2
2d mortgage, 7s.	27	27	27	27	27	27
3d mortgage, 6s.	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
Northern Central.	106	106	106	106	106	106
2d mortgage, 6s 1885.	106	106	106	106	106	106
3d mortgage, 6s, 1900.	106	106	106	106	106	106
6s, 1900, Gold.	94 1/2	94 1/2	94 1/2	94 1/2	94 1/2	94 1/2
Orange and Alex. 1st.	106	106	106	106	106	106
2d mortgage, 6s.	106	106	106	106	106	106
3d mortgage, 6s.	106	106	106	106	106	106
4th mortgage, 6s.	106	106	106	106	106	106
O. Alex. & Manassas 7s.	46	46	46	46	46	46
Pittab. & Connellsv. 7s.	97	97	97	97	97	97
Virginia 6s, Consol.	54 1/2	54 1/2	54 1/2	54 1/2	54 1/2	54 1/2
Consol. Coupons.	81 1/2	81 1/2	81 1/2	81 1/2	81 1/2	81 1/2
Deferred Certificates.	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
Western Maryland.	106	106	106	106	106	106
1st M., end. by Balt.	106	106	106	106	106	106
2d M., do.	106	106	106	106	106	106
3d M., do.	106	106	106	106	106	106
1st M., unendorsed.	106	106	106	106	106	106
2d M., end. Wash. Co.	106	106	106	106	106	106
3d M., preferred.	106	106	106	106	106	106
City Passenger R. R.	106	106	106	106	106	106



## New York Stock Exchange.

Closing Prices for the week ending Nov. 27.

	Th. 21.	F. 22.	Sat. 23.	M. 24.	Tu. 25.	W. 27.
Adams Express.....	100	100	100	100	100	100
Albany and Susq.....	80	80	80	80	80	80
1st mortgage.....	80	80	80	80	80	80
2d mortgage.....	80	80	80	80	80	80
American Express.....	50	49	49	49	49	49
Am. Dock and Imp. 7s.....	49	49	49	49	49	49
Atlantic & Pacific Tel.....	28	28	28	28	28	28
Burl. C. R. & Nor.....	28	28	28	28	28	28
1st mortgage 5s.....	72	72	72	72	72	72
Canada So. 1st guar.....	75	75	75	75	75	75
Central of N. Jersey.....	31	31	31	31	31	31
1st mortgage 1890.....	114	114	114	114	114	114
7s, consolidated.....	88	88	88	88	88	88
7s, convertible.....	88	88	88	88	88	88
Central Pacific 6s, gold 107	107	107	107	107	107	107
1st M. (San Joaquin).....	92	92	92	92	92	92
1st M. (Cal. and Or.).....	92	92	92	92	92	92
Land grant 6s.....	92	92	92	92	92	92
Chicago and Alton.....	78	78	78	78	78	78
Preferred.....	78	78	78	78	78	78
1st mortgage.....	78	78	78	78	78	78
Sinking Fund.....	78	78	78	78	78	78
Ohic. Burl. & Quincy.....	110	110	110	110	110	110
7s, 1893.....	110	110	110	110	110	110
7s, 1895.....	110	110	110	110	110	110
Ohic. & Milwaukee 1st.....	110	110	110	110	110	110
Ohic. Mil. and St. Paul.....	33	34	34	34	34	34
Preferred.....	68	68	68	68	68	68
1st mortgage, 8s.....	68	68	68	68	68	68
2d mortgage, 7 1/2-10s.....	122	122	122	122	122	122
7s, gold.....	107	107	107	107	107	107
1st M. (La Crosse div.).....	109	109	109	109	109	109
1st M. (H. and M. div.).....	109	109	109	109	109	109
1st M. (I. and D. div.).....	109	109	109	109	109	109
1st M. (H. & D. div.).....	109	109	109	109	109	109
1st M. (C. & M. div.).....	109	109	109	109	109	109
Consolidated S. F. 100.....	100	100	100	100	100	100
Ohic. & Northwestern.....	44	44	44	44	44	44
Preferred.....	77	77	77	77	77	77
1st mortgage.....	77	77	77	77	77	77
Sinking Fund.....	77	77	77	77	77	77
Consolidated 7s.....	112	112	112	112	112	112
Consol. Gold bonds.....	105	105	105	105	105	105
Do. reg.....	105	105	105	105	105	105
Ohic. Rock Isl. & Pac.....	117	117	117	117	117	117
7s, 1890.....	117	117	117	117	117	117
6s, S. F.....	110	110	110	110	110	110
6s, 1917.....	110	110	110	110	110	110
Olev. Col. C. and Ind.....	31	32	32	32	32	32
1st mortgage.....	81	81	81	81	81	81
Olev. & Pittsburg guar.....	81	81	81	81	81	81
7s, Consolidated.....	81	81	81	81	81	81
4th mortgage.....	81	81	81	81	81	81
Olev. P. and Ash.....	81	81	81	81	81	81
7s, new.....	81	81	81	81	81	81
Col. Chl. & Ind. Cent.....	41	41	41	41	41	41
1st mortgage.....	41	41	41	41	41	41
2d mortgage.....	41	41	41	41	41	41
Del. & Hudson Canal.....	48	48	48	48	48	48
Reg. 7s, 1891.....	48	48	48	48	48	48
Reg. 7s, 1894.....	48	48	48	48	48	48
7s, 1894.....	48	48	48	48	48	48
Del. Lack. & Western.....	49	49	49	49	49	49
2d mortgage 7s.....	49	49	49	49	49	49
7s, Convertible.....	104	104	104	104	104	104
7s, Consol. 1907.....	104	104	104	104	104	104
Et. of Columbia 3-6s.....	104	104	104	104	104	104
Erie Railway.....	18	18	18	18	18	18
Preferred.....	18	18	18	18	18	18
1st mortgage.....	18	18	18	18	18	18
2d mortgage.....	104	104	104	104	104	104
3d mortgage.....	104	104	104	104	104	104
4th mortgage.....	104	104	104	104	104	104
5th mortgage.....	104	104	104	104	104	104
Great Western 1st mort.....	110	110	110	110	110	110
2d mortgage.....	74	74	74	74	74	74
Hannibal & St. Joseph.....	15	15	15	15	15	15
Preferred.....	38	38	38	38	38	38
8s, Convertible.....	101	100	100	100	100	100
Hudson River 2d mort.....	100	100	100	100	100	100
Illinois Central.....	76	76	76	76	76	76
Kansas Pacific.....	11	11	11	11	11	11
Lake Shore & Mich. So.....	68	68	68	68	68	68
Consol. 7s.....	114	114	114	114	114	114
Consol. 7s, reg.....	114	114	114	114	114	114
2d Consolidated.....	102	102	102	102	102	102
Lake Shore Div. bonds.....	110	110	110	110	110	110
Leh. & W.B. 7s, Con.....	110	110	110	110	110	110
Long Dock bonds.....	113	113	113	113	113	113
L'ville & Nash. 7s Cons.....	104	104	104	104	104	104
Michigan Central.....	68	68	68	68	68	68
7s, 1902.....	111	111	111	111	111	111
8s, 1892, S. F.....	108	108	108	108	108	108
M. & N. I. 1st, S. F.....	81	81	81	81	81	81
Morris and Essex.....	82	83	82	82	82	80
1st mortgage.....	107	107	107	107	107	107
2d mortgage.....	107	107	107	107	107	107
7s of 1871.....	107	107	107	107	107	107
7s, Convertible.....	107	107	107	107	107	107
7s, Consolidated.....	107	107	107	107	107	107
N. Y. Cent. & Hud. Riv.....	111	111	111	111	111	111
7s, Sinking fund, 1876.....	108	108	108	108	108	108
6s, Sinking fund, 1883 10 1/2	108	108	108	108	108	108
6s, Sinking fund, 1887.....	108	108	108	108	108	108
1st mortgage.....	120	120	120	120	120	120
1st mortgage reg.....	120	120	120	120	120	120
N. Y. Elevated 1st M. 92	92	92	92	92	92	92
N. York and Harlem.....	142	142	142	142	142	142
Preferred.....	142	142	142	142	142	142
1st mortgage.....	142	142	142	142	142	142
1st mortgage, reg.....	142	142	142	142	142	142

## New York Stock Exchange.

Closing Prices for the week ending Nov. 27.

	Th. 21.	F. 22.	Sat. 23.	M. 24.	Tu. 25.	W. 27.
New Jersey.....	160	160	160	160	160	160
N. Y. N. Haven & Hart.....	107	107	107	107	107	107
North Missouri 1st M.....	71	71	71	71	71	71
Ohio and Mississippi.....	161	161	161	161	161	161
Preferred.....	161	161	161	161	161	161
2d mortgage.....	70	70	70	70	70	70
Consolidated 7s.....	104	104	104	104	104	104
Consol. Sinking fund.....	104	104	104	104	104	104
Ontario Silver.....	361	361	361	361	361	361
Pacific Mail S. S. Co.....	161	161	161	161	161	161
Pacific R. R. of Mo.....	161	161	161	161	161	161
1st mortgage.....	104	104	104	104	104	104
2d mortgage.....	102	102	102	102	102	102
Panama.....	124	124	124	124	124	124
Pitts. Ft. W. & Chi. (d) 99	99	99	99	99	99	99
1st mortgage.....	121	121	121	121	121	121
2d mortgage.....	117	117	117	117	117	117
3d mortgage.....	117	117	117	117	117	117
Pullman Palace Car.....	117	117	117	117	117	117
Quicksilver Mining Co.....	33	34	34	34	34	34
Preferred.....	33	34	34	34	34	34
St. L. Alton and T. H.....	110	110	110	110	110	110
Preferred.....	110	110	110	110	110	110
1st mortgage.....	110	110	110	110	110	110
2d mort. preferred.....	110	110	110	110	110	110
Income bonds.....	31	31	31	31	31	31
St. L., Iron Mt. & S. (d) 14	14	14	14	14	14	14
1st mortgage.....	14	14	14	14	14	14
2d mortgage.....	14	14	14	14	14	14
St. L., Jack. & Chi. 1st.....	54	54	54	54	54	54
St. L., Kan. City & N. 54	54	54	54	54	54	54
Preferred.....	24	24	24	24	24	24
Tol. P. & W. 1st E. D.....	24	24	24	24	24	24
1st mort. West. Div.....	24	24	24	24	24	24
Union Pacific.....	66	66	66	66	66	66
1st mortgage.....	107	107	107	107	107	107
Land Grant 7s.....	107	107	107	107	107	107
Sinking Fund 8s.....	107	107	107	107	107	107
United States Express.....	22	21	21	21	21	21
Wabash.....	21	21	21	21	21	21
1st mortgage.....	75	75	75	75	75	75
2d mortgage.....	75	75	75	75	75	75
7s, Consolidated.....	60	60	60	60	60	60
St. Louis Division.....	80	80	80	80	80	80
Wells-Fargo Express.....	99	99	99	99	99	99
Western Pacific bonds.....	104	104	104	104	104	104
Western Union Tel.....	92	92	92	92	92	92
7s, S. F. conv., 1900.....	92	92	92	92	92	92

## Boston Stock Exchange.

Closing Prices for the week ending Nov. 27.

	Th. 21.	F. 22.	Sat. 23.	M. 24.	Tu. 25.	W. 27.
Atch., Top. and San. Fe.....	84	83	83	84	84	84
1st mortgage.....	107	107	107	107	107	107
2d mortgage.....	102	102	102	102	102	102
Land Grant 7s.....	100	100	100	100	100	100
Income 8s.....	128	128	128	128	128	128
Boston and Albany.....	128	128	128	128	128	128
7s, reg.....	128	128	128	128	128	128
6s, 1895.....	128	128	128	128	128	128
Boston and Lowell.....	74	74	74	74	74	74
7s.....	74	74	74	74	74	74
Boston and Maine.....	100	100	100	100	100	100
Boston and Providence.....	102	102	102	102	102	102
Boston, Hart. & Erie 7s.....	27	27	27	27	27	27
Boston Water Power.....	11	11	11	11	11	11
Burl. & Mo. R. L. G. 7s.....	114	114	114	114	114	114
Burl. & Mo. R. in Neb. 113	113	113	113	113	113	113
8s, old.....	113	113	113	113	113	113
8s, new.....	113	113	113	113	113	113
Chl. Burl. and Quincy.....	110	110	110	110	110	110
7s.....	112	112	112	112	112	112
6s, new.....	112	112	112	112	112	112
Utn., Sand. and Olev.....	31	31	31	31	31	31
Concord (\$50).....	31	31	31	31	31	31
Connecticut River.....	13	13	13	13	13	13
Eastern.....	13	13	13	13	13	13
Scip.....	78	78	78	78	78	78
New S. Bonds.....	78	78	78	78	78	78
Pittsburg.....	122	120	119	120	120	120



diary business in grain and other freights Eastward. At a meeting of general freight agents held in Chicago on the 24th inst. it was agreed to fix fourth-class freights from Chicago to New York at 40 cents per 100 pounds; to Baltimore, 37; to Philadelphia, 38; to Boston, 45; grain rates five cents per 100 pounds less than the above. This winter freight tariff is a considerable advance on summer rates.

Foreign Monetary advices are again more favorable; and while occasional failures are still occurring to disturb English trade circles, the general tone of business is more confident and hopeful. On Thursday, the 21st inst., the Bank of England reduced its rate from 6 per cent to 5. In open market money in London is worth only  $4\frac{1}{4}$  to  $4\frac{1}{2}$  per cent. The Bank continuing to gain in coin balances now doubtless feels prepared to meet the demands soon to be made upon it for gold for American account. A sale of £250,000 silver was made by Germany for export to British India.

Among the new enterprises reported in home business circles is a new steamship line from New York to China. The first steamer of this line, the "City of Santiago," will sail on the 20th December. It is claimed by those connected with the enterprise that freights can be carried at 25 per cent less than rail and steamer rates, but requiring 12 days more time. For heavy freights not requiring quick dispatch this line may offer good facilities.

The "Fidelity Association of New York" is the corporate title of a new company about to commence business in this city. The capital of this company, as announced, is \$200,000 in shares of \$100 each. The business of the company will consist in issuing bonds on the fidelity of persons in positions of trust and responsibility. In Great Britain companies of this kind have been in operation for many years. There is a good field in this city for the establishment of such a business; and from the names of the incorporators there is no doubt of the stock being readily taken.

Boston advices indicate a quiet Money market. Loans have fallen off leaving abundance of idle capital; yet there is small disposition to cut the rates for money. Prime commercial paper is done at  $4\frac{1}{2}$  per cent, with light offerings. Some choice factory acceptances are done as low as  $3\frac{1}{2}$  per cent, but the banks as a rule demand more. Call loans to Bankers range from 3 to  $3\frac{1}{2}$  per cent. At the Clearing House there are few borrowers at the only rate named 1 per cent. Exports from Boston for the last week amounted to \$1,185,738 against \$1,165,484 for the same week last year.

Philadelphia reports show a steady Money market with slight change in amount of business done or in rates. As a rule, the banks manage to keep their funds employed; and the rates are fair. Call loans are done at  $3\frac{1}{4}$  per cent. Prime commercial paper passes at  $4\frac{1}{2}$  per cent for short dates. For four months and longer date paper  $5\frac{1}{2}$  per cent is asked. Loans are made on Government securities at  $3\frac{1}{2}$  per cent; on miscellaneous securities at 6 per cent. Pennsylvania Railroad shares are quoted at  $32\frac{1}{4}$  bid and 33 asked. Reading Railroad  $18\frac{1}{2}$  bid.

Baltimore Money reports show a larger busi-

ness done in bank clearances; but it is said this increase must be very generally distributed since it is not apparent in any particular branch of business. Money continues abundant. The rate is scarcely discussed whilst the character of the security offered is closely scrutinized. Loans may be quoted at  $4\frac{1}{2}$  per cent. Discounts are made at  $4\frac{1}{2}$  per cent. There is an active demand for good investment securities and prices are not only firm but generally higher. Baltimore and Ohio Railroad, common stock, is now quoted at  $87\frac{1}{2}$ , an advance. Limited quantities of both stock and scrip sold at the same price. Northern Central unchanged. Very few leading securities offering.

Business on the Stock Exchange opened on Monday with more activity. There was a plain disposition to cover short interests, the known amount of which was large. In concert with this bear movement was the speculation in gold already mentioned. Sales on Saturday were 110,500 shares; on Monday, 211,000; on Tuesday, 000.

Money continues very easy. Call loans are made at  $2\frac{3}{8}$  per cent on Government bonds, and on stock collaterals  $3\frac{3}{8}$  with occasional loans at 4 per cent. Prime commercial paper is discounted at  $4\frac{1}{2}$  per cent. Only small offerings of strictly prime paper.

Gold may now be quoted at 100. Silver in London is higher at  $60\frac{1}{2}$ d. per ounce. This rate would make our standard dollar worth about  $85\frac{1}{2}$  cents.

Government bonds continue active and firm. Subscriptions to the 4 per cent loan on Monday amounted to \$1,080,000. The Secretary of the Treasury estimates the issue of this loan by the 1st January next at \$175,000,000. The whole amount authorized to be issued is \$1,000,000,000, all of which he hopes to succeed in placing. In his coming annual report to Congress he will recommend the issue of a \$10 bond bearing 3.65 per cent interest. This is the preliminary movement for a general system of savings, either through the Post offices or some similar uniform plan, for the benefit of the poorer classes. We now quote all issues of bonds as follows:

United States 6s, 1881, registered,  $109\frac{1}{4}$  @  $109\frac{1}{4}$ ; do. coupon,  $109\frac{1}{4}$  @  $109\frac{1}{4}$ ; 5-20s, 1865, new, registered,  $103\frac{3}{4}$  @  $103\frac{3}{4}$ ; do. coupon,  $103\frac{3}{4}$  @  $103\frac{3}{4}$ ; do. 1867, registered,  $106\frac{1}{2}$  @  $106\frac{1}{2}$ ; do. coupon,  $106\frac{1}{2}$  @  $106\frac{1}{2}$ ; do. 1868, registered,  $109\frac{1}{4}$  @  $109\frac{1}{4}$ ; do. coupon,  $109\frac{1}{4}$  @  $109\frac{1}{4}$ ; ten-forties, registered,  $107\frac{1}{2}$  @  $107\frac{1}{2}$ ; do. coupon,  $107\frac{1}{2}$  @  $107\frac{1}{2}$ ; 5 per cents, 1881, registered,  $106\frac{1}{2}$  @  $106\frac{1}{2}$ ; do. coupon,  $106\frac{1}{2}$  @  $106\frac{1}{2}$ ; 4 per cents, 1891, registered,  $104\frac{1}{4}$  @  $104\frac{1}{4}$ ; do. coupon,  $105\frac{1}{2}$  @  $105\frac{1}{2}$ ; 4 per cents, 1907, reg.,  $100\frac{1}{4}$  @  $100\frac{1}{4}$ ; do. coupon,  $100\frac{1}{4}$  @  $100\frac{1}{4}$ ; sixes, currency,  $121\frac{1}{2}$ .

Foreign exchange is dull. A slight advance during the week was lost again and we quote as at our last report. 4  $81\frac{1}{2}$  for 60 day bills and 4  $85\frac{1}{2}$  @  $86$  for sight drafts.

Domestic Produce has been fairly active. In wheat a considerable speculative feeling has been exhibited and prices of both wheat and flour have been irregular. Indian corn was dull and depressed. Other cereals quiet and steady.

Cotton is not quotably lower than at our last report, but the market is dull and depressed both here and in Liverpool. Quotations for middling

uplands remain at  $9\frac{1}{2}$  cents. Spot cotton is quiet. Futures are lower 6 to 8 points than at last week's report. Receipts at the ports since September 1, 1,597,213 bales, against 1,396,337 bales last year.

Ocean freights have shown but slight changes. Business was moderate. Engagements to Liverpool, by steam, grain, were at  $7\frac{3}{4}$ d. per 60 lbs. To London, by steam, grain,  $7\frac{3}{4}$ d.; by sail, grain, 5s. 8d. per quarter. To Bremen, by sail, grain,  $7\frac{1}{2}$ d.

The following quotations of sales of Railway and other securities are in addition to those given elsewhere in our columns:—

New York.—Chicago and Alton Income bonds, 105; Central of New Jersey consol. ass.,  $72\frac{3}{4}$ ; do. conv., ass., 72; do. Adjmt bonds, 82; Denver and Rio Grande 1st mort.,  $89\frac{1}{2}$ ; Buffalo, New York and Erie 1st mort., 110; Missouri, Kansas and Texas R. R.,  $6\frac{1}{2}$ ; do. 7s, consol. ass.,  $49\frac{1}{2}$ ; do. 2d,  $16\frac{1}{2}$ ; South Side 1st mort., 80; Grand Rapids and Indiana 1st mort.,  $86\frac{1}{2}$ ; South Pacific 1st mort., 90; Toledo, Peoria and Warsaw 1st E. D., pur. com. receipts,  $98\frac{1}{4}$ ; do. W. D., do. 98; Louisville and Nashville 2d mort.,  $89\frac{1}{2}$ ; Erie and Pittsburg consol., 94; Nashville and Decatur 1st mort., 100; St. Louis, Kansas City and Northern Real Estate and 2d mort. 7s, 88; Kansas Pacific 6s, J. & D., 1896, with coup. certif.,  $102\frac{1}{2}$ ; do. 7s, Denver div., with coup. certif.,  $73\frac{1}{2}$ ; Winona and St. Peter 1st mort., 104; do. 2d mort., 90; Nashville, Chattanooga and St. Louis 1st mort.,  $100\frac{1}{4}$ ; Lehigh and Wilkesbarre 7s, consol., 60; Detroit, Monroe and Toledo 1st mort.,  $109\frac{1}{2}$ ; Chicago and Northwestern Ext. bonds,  $106\frac{1}{2}$ ; Louisiana and Missouri River 1st mort.,  $99\frac{1}{4}$ ; Hannibal and Central Mo. 1st mort.,  $72\frac{1}{4}$ ; East Tenn., Va. and Ga. 1st mort., 100; Clev., Col. Cin. and Ind. 7s, consol.,  $99\frac{1}{2}$ ; Cleveland and Toledo 7s, new,  $107\frac{1}{2}$ ; Iowa Midland 8s,  $103\frac{1}{4}$ ; Southern Pacific of Cal. 1st mort.,  $94\frac{1}{4}$ ; St. Louis and San Francisco R. R.,  $8\frac{1}{2}$ ; do. pref.,  $4\frac{1}{2}$ ; do. 1st pref.,  $9\frac{1}{2}$ ; do. 2d class C,  $29\frac{1}{2}$ ; do. class B, 33; do. class A, 53; Canada Southern R. R., 40; New Jersey Southern R. R.,  $1\frac{1}{2}$ ; Missouri 6s, 1887 and 1888,  $105\frac{1}{4}$ ; Louisiana 7s, consol.,  $77\frac{1}{2}$ ; Georgia 7s, gold,  $108\frac{1}{4}$ ; Tennessee 6s, old, 32; do. new series, 28; Virginia 6s, consol. 2d series, 88; North Carolina 6s, old, J. & J.,  $17\frac{1}{2}$ ; do. A. & O.,  $17\frac{1}{4}$ ; Missouri 6s, H. & St. J. issue, 1886 and 1887,  $104\frac{1}{2}$ . The latest quotations are: Adams Exp.,  $106\frac{1}{2}$  @  $107$ ; American Exp.,  $49\frac{1}{4}$  @  $49\frac{3}{4}$ ; Atlantic and Pacific Telegraph,  $28\frac{1}{2}$  @  $29\frac{1}{2}$ ; Central Railroad of New Jersey,  $29\frac{1}{2}$  @  $30\frac{1}{2}$ ; Chicago, Burlington and Quincy,  $110\frac{3}{4}$  @  $111$ ; Chicago and Alton,  $78\frac{1}{2}$  @  $79\frac{1}{2}$ ; do. pref.,  $102\frac{1}{4}$  @ —; Chicago and Northwestern,  $46\frac{1}{2}$  @  $46\frac{1}{2}$ ; do. pref.,  $76\frac{1}{2}$  @  $77\frac{1}{2}$ ; Chicago, Milwaukee and St. Paul,  $84\frac{1}{4}$  @  $84\frac{1}{2}$ ; do. pref.,  $70\frac{1}{2}$  @  $70\frac{1}{4}$ ; Chicago, Rock Island and Pacific,  $117\frac{1}{2}$  @  $117\frac{1}{2}$ ; Cleveland, Columbus, Cincinnati and Indianapolis,  $83\frac{1}{2}$  @  $83\frac{1}{2}$ ; Cleveland and Pittsburgh,  $81\frac{1}{2}$  @  $81\frac{1}{2}$ ; Delaware and Hudson Canal,  $41\frac{1}{2}$  @  $41\frac{1}{2}$ ; Delaware, Lackawanna and Western,  $47\frac{1}{2}$  @  $48$ ; Erie,  $18\frac{1}{2}$  @  $18\frac{1}{2}$ ; do. pref.,  $81\frac{1}{2}$  @  $82$ ; Hannibal and St. Joseph,  $14\frac{1}{4}$  @  $15\frac{1}{4}$ ; do. pref.,  $36\frac{1}{2}$  @  $37$ ; Illinois Central,  $77\frac{1}{2}$  @  $78$ ; Kansas Pacific  $11\frac{1}{2}$  @  $11$ ; Lake Shore and Michigan Southern,  $69\frac{1}{2}$  @  $69\frac{1}{2}$ ; Michigan Central,  $68\frac{1}{2}$  @  $69\frac{1}{2}$ ; Morris and Essex,  $81\frac{3}{4}$  @  $81\frac{3}{4}$ ; N. Y. Central and Hudson River,  $111\frac{1}{2}$  @  $112\frac{1}{2}$ ; New York and Harlem,  $142\frac{1}{2}$  @  $143$ ; Ohio and Miss.,



7½@7½; do. pref., 16@16¼; Pacific Mail, 15¼@15¼; Panama, 122@124; Pittsburg, Ft. Wayne and Chicago, 99½@100; Quicksilver, 10@11; do. pref., 84¼@85; St. Louis, Kansas City and Northern, 5¼@6; do. pref., 24½@24½; Union Pacific, 66¼@66¼; U. S. Express, 47½@47½; Wells Fargo Express, 98@99; Western Union Telegraph, 94@94¼; Wabash, 20¼@21.

**Philadelphia.**—Northern Central R. R. 5s, 50; Philadelphia and Reading R. R. scrip, 50; do. debent., 6s, ex coup., 20; do. income 7s, 45; Belvidere Delaware 3d mort., 97; Oil Creek 1st mort., 77; Union and Titusville 7s, 37; Philadelphia and Reading Coal and Iron debent., 7s, ex coupon, 20; American Steamship Co. 6s, 80¼; Steubenville and Indiana 6s, A. & O., 98; do. J. & J., 100; Delaware R. R. 6s, 107; Connecting R. R. 6s, 107; Susq. Canal 6s, 26; Chartiers Valley R. R. 5s, 92½; Hestonville R. R. 6s, 90; Pennsylvania Canal 6s, 65; West Jersey 6s, 107; Philadelphia, Germantown and Norristown R. R., 100; Northern Pacific R. R., 4; Central Transp., 42½; Philadelphia and Trenton R. R., 130¼; Pennsylvania Car Trust Series B, 98½; St. Paul and Duluth pref., 13¼; Morris Canal pref., 127; Harrisburg 6s, 108; Pittsburg 7s, W. L., 103¼; Pennsylvania State 6s, Inc. Plain., 103¼. The latest quotations are: City 6s, 106@109; do. free of tax, 117½@118; Pennsylvania State 6s, 2d series, 104¼@105; do. 3d series, 110¼@111½; do. 5s, new loan, 110¼@111; Philadelphia and Reading 13¼@13¼; do. Gen'l mort. 7s, coup., 99½@100; do. reg. 97½@97½; do. mort., 6s, 1880, 108@105; do. 7s, new conv., 50@65; do. 7s, 1893, 110@110½; United New Jersey R. R. and Canal Co., 129¼@130; Pittsburg, Titusville and Buffalo R. R., 5¾@5¾; do. 7s, 84¼@84¼; Camden and Amboy mort. 6s, 1889, 108½@109; Pennsylvania R. R., 32½@33; do. 1st mort., 105½@105½; do. gen'l mort., coupon, 109@111½; do. reg., 109½@112; do. consol. mort. 6s, reg., 99@99½; Little Schuylkill R. R., 42½@44; Morris Canal, 50@—; do. pref., 127½@—; Susq. Canal, 2@6; do. 6s, 25¼@26; Schuylkill Nav. 3@6; do. pref., 6@7; do. 6s, 1907, 58½@59; do. 1897, 88@88½; Elmira and Williamsport pref., 39@40½; do. 7s, 107@107½; do. 5s, 66@67; Lehigh Coal and Navigation, 15¼@16¼; do. 6s, 1884, 105@105½; do. R. R. loan, 105½@105½; do. Gold Loan, 93@94½; North Pennsylvania, 37@37½; do. 6s, 109@109½; do. 7s, 113½@114; do. Gen'l mort. 7s, reg., 108½@109; Philadelphia and Erie, 7@7½; do. 6s, 103@104; do. 7s, 101@104½; Minehill, 48½@50; Catawissa, 5@6; do. pref., 33½@35; do. new pref., 29¼@30; do. 7s, 1900, 106@107; Lehigh Valley, 37@37½; do. 1st mort. 6s, 113@113½; do. 7s, reg., 116½@116½; do. consol. mort., 99@99½; Fifth and Sixth streets (horse), 90@97; Second and Third, 79½@80¼; Thirteenth and Fifteenth, 44¼@45; Spruce and Pine, 37@38; Green and Coates, 50@51; Chestnut and Walnut, 64@64½; Hestonville, 10¼@11; Germantown, 49¼@50; Union, 71@71½; Lombard and South, 9¼@10.

**Baltimore.**—Baltimore and Ohio R. R., 1st pref., 95; do. scrip, 86½; Virginia and Tennessee 2d mort. 6s, 87½; Wilmington, Columbia and Augusta 7s, 25; Baltimore City 5s, new, 104¼; do. 5s, 1894, 104; do. 6s, 1890, 110½; do. 1900, 111½; Virginia Peolers, 40. The latest quotations

are: Cincinnati and Baltimore, 7s, 80@—; Wilmington and Weldon 7s, 96@100; Wilmington, Columbia and Augusta 7s, 25@26; Richmond and Danville 1st mort., 75@—; Pittsburg and Connelleville 7s, 1898, 96@98; Baltimore and Ohio, 86¼@86½; do. scrip, 86½@86½; do. 6s, 1880, 102@—; do. 1885, 105@106; Northern Central, 13¼@14¼; do. 6s, 1885, 104¼@107½; do. 6s, 1900, 101¼@—; do. 6s, 1900, gold, 94¼@95; Marietta and Cincinnati 1st mort. 1892, 83@85; do. 2d mort. 7s, 26½@29; do. 3d mort. 8s, 11@12¼; Central Ohio, 22@25; do. pref., 36@40; do. 1st mort., 100@—; Western Maryland 1st mort. 6s, 1890, 101@—; do. 1st mort. guar., 198@—; do. 2d mort., guar., 108@—; do. 3d mort. guar., 108@108½; do. 2d mort. pref., 69@70; 2d mort., guar. by Washington Co., 104@—; Virginia and Tennessee 2d mort. 6s, 86½@87; do. 3d mort. 8s, 96@98; Orange and Alexandria 1st mort. 6s, 90@94; do. 2d mort. 6s, 75@75½; do. 3d mort. 8s, 35@40; do. 4th mort. 8s, 12@—; Orange, Alex. and Manassas 7s, 43@44; Baltimore 6s, 1884, 108@110; do. 1886, 110@112; do. 1886, new, 108@108; do. 1890, 110½@110½; do. 1900, 111@112; do. 1900, new, 110½@—; do. 1902, 112@112½; do. 1902, new, 111@112; do. 6s, exempt, 112@112; do. 5s, 1894, 103¾@104; do. 5s, new, 104¼@105; Memphis 6s, 30@—; do. new, 42@60; Maryland Defense 6s, 1883, 108½@108½; do. 6s, exempt, 112@113; do. 6s, 1890, 106½@—; do. 5s, 99@—; Virginia consol. 6s, 56½@56½; do. 2d series, 38@39½; Virginia Consol. coupons, 82@82½; West Virginia def. certif., 7½@7½; Baltimore City Passenger R. R., 34@34; Baltimore and Catonsville R. R., —@15; George's Creek Coal, —@90; Atlantic Coal, 0.75@1.15; Canton Co., 21@25; do. gold 6s, 91@91½; Union R. R., Canton end., 104@—.

**Boston.**—Denver and Rio Grande R. R., 12; do. 7s, ex-certificate, 88½; Connecticut and Passumpsic Rivers R. R., 46; Chesire R. R. 25; Chicago, Dubuque and Minnesota R. R., 53¼; New Mexico and South Pacific R. R. sub., 26¼; Wichita and Southwestern R. R., 49; New York and New England R. R., 27½; Rutland pref., 5½; do. 8s, 1902, 66¼; do. scrip, 45; Republican Valley R. R., 110; Detroit, Lansing and Northern pref., 66½; Atchison and Nebraska R. R. 12½; do. 7s, 95; Iowa Falls and Sioux City 7s, 99¾; Burlington and Missouri River in Nebraska 6s, exempt, 102½; Cedar Rapids and Missouri River R. R., 107½; New London Northern 6s, 1885, 104; Sandusky City and Indiana 7s, 1887, 90; Ogdensburg and Lake Champlain 8s, 1890, S. F., 100; New Hampshire 6s, 1879, 100½; Toledo 6s, 1892, 100¼; Duncan Silver Mining Co., 4½; International, 50c; Osceola, 13½; Ridge, 1¼; Silver Islet, 40¼.

#### London and Port Stanley Railway.

It is stated in the Report of the Great Western Railway Company of Canada that during the half-year the sum of £1,246 7s. 10d. was expended on this line, a reduction of £1,047 18s. 8d., giving a profit from the working of the line of £981 8s. 7d. In respect to the "Lease Account" of the railway, Mr. Hobson, the Chief Engineer, remarks:

"The whole amount charged to this account has been expended in the renewal of three large bridges; one of these over Zavitz's mill pond, is a wooden structure, the other two are iron bridges,

one of which over the Thames River, near London, is completed, and the other, over Kettle Creek, near Port Stanley, will be before the beginning of the winter. The renewal of the large bridges on this line will then be finished."

#### Pittsburg, Cincinnati and St. Louis Railway.

The following is an approximate statement of results in the operations of the Pittsburg, Cincinnati and St. Louis Railway Company for the ten months ending October 31, 1878:

Gross earnings (including interest received on equipment hired), January 1 to November 1, 1878..... \$2,616,035  
Expenses (including interest on car trust cars and rent of Monongahela extension) for same period ..... 1,680,323

Net earnings..... \$935,711

The interest on the bonds for these ten months is:

\$3,000,000 Steubenville and Indiana Railroad 6 per cent., \$150,000  
\$775,000 Steubenville and Indiana Railroad 7 per cent. ... 45,208  
\$6,222,000 Pittsburg, Cincinnati and St. Louis Railway 7 per cent. .... 362,950  
558,158

Surplus ..... \$377,558

#### Pennsylvania Railroad.

The following statement of the business of all lines of the Pennsylvania Railroad Company east of Pittsburg and Erie, for October, 1878, as compared with the same month in 1877, shows

An increase in gross earnings of..... \$5,381  
A decrease in expenses of..... 48,893

An increase in net earnings of..... \$54,274

The ten months of 1878, as compared with same period of 1877, show

An increase in gross earnings of..... \$819,041  
A decrease in expenses of..... 603,525

An increase in net earnings of..... \$1,422,566

All lines west of Pittsburg and Erie for the ten months of 1878 show a deficiency in meeting all liabilities of \$82,939, being a gain over the same period in 1877 of \$213,353.

#### Houston and Texas Central Railroad.

The following is a comparative statement of earnings and expenses of the Houston and Texas Central Railway for the months of October, 1877 and 1878:

	1877.	1878.
Earnings .....	\$361,649 74	\$426,842 53
Exp's (including taxes) 149,665 05	146,792 48	
Net.....	\$211,984 69	\$280,040 10
Increase in gross earnings (18 per ct.)	\$65,182 79	
Decrease in expenses (2 per cent.)	2,872 62	

Increase in net earnings (32 per cent) \$68,055 41

The Waynesboro' (Pa.) Gazette says the grading of the Baltimore and Cumberland Valley Railroad is now being pushed forward with an earnestness which bespeaks its early completion to Waynesboro' from its junction with the Western Maryland Railroad. Five large gangs of men are at work on the Maryland end of the line, and Walton & Lee, contractors on the Pennsylvania side, were largely reinforced a few days since.

Navigation on all the Canals of the State of New York will be closed on the 7th of December.



## RAILROAD AND CANAL DIVIDEND STATEMENT.

Showing the amount of Stock Outstanding, the Dividend Periods and the date of last Dividend.

Marked thus (*) are leased roads.	Stock outstanding.	Dividend Periods.	Last Dividend Payable.	Marked thus (*) are leased roads.	Stock outstanding.	Dividend Periods.	Last Dividend Payable.	Marked thus (*) are leased roads.	Stock outstanding.	Dividend Periods.	Last Dividend Payable.
Albany and Susq. 100	13,500,000	J. & J.	July '73 34	Little Schuylkill* 50	2,648,100	J. & J.	July '78 31	Ware River* 100	475,000	J. & J.	July '78 31
Atlanta and West Point 100	1,232,200	J. & J.	July '78 4	Long Island 50	8,000,000	M. & S.	May '78 10a	Warren (N. J.) 100	1,800,000	A. & O.	Apr. '78 31
Atlantic and Gulf guar. 100	783,476	M. & N.	Nov. '73 34	Louisv. Cin. and Lex. 60	1,623,483	J. & J.	July '69 3	Warwick Valley 100	225,000	A. & O.	Oct. '77 31
Atlantic and St. Law. 100	5,000,000	M. & S.	Sept. '78 3	prof. 100	848,700	F. & A.	Jan. '74 41	Westchester & Phil. pref. 100	821,800	J. & J.	July '78 4
Augusta and Savannah 100	1,032,900	J. & D.	Dec. '77 31	Louisville & Nashville 100	9,003,418	F. & A.	Aug. '78 11	West Jersey 100	1,559,750	F. & A.	Aug. '77 3
Avon, Genesee & Mt. M. 100	225,000	A. & O.	Jan. '78 3	Louisv. N. Alb. & Chi. 100	3,000,000	J. & D.	Dec. '70 3	Wilmington & Weldon 100	1,453,200	J. & D.	Nov. '77 3
Baltimore and Ohio 100	14,218,800	M. & N.	Nov. '78 4a	Lowell and Andover 100	500,000	J. & J.	July '78 34	Winchester & Potomac 100	180,000	J. & J.	July '78 3
Washington Br. 100	1,650,000	A. & O.	Oct. '78 5	Lowell and Lawrence 100	200,000	A. & O.	Apr. '78 2	Winchester & Strasburg 100	500,000	J. & J.	July '78 34
Berkshire 100	320,500	quarterly	Apr. '78 11	Lykens Valley 100	600,000	F.M.A.N.	Feb. '78 24	Worcester and Nashua 75	1,789,800	J. & J.	July '76 2
Boston and Albany 100	20,000,000	M. & N.	Nov. '78 4	Manchester and Law. 100	1,000,000	M. & N.	Nov. '76 5	HORSE-POWER R. R.			
Bos., Cin., F. & N. Bed. 100	2,523,500	—	—	Marionetta & Cincinnati 60	1,408,912	—	—	Albany City 100	110,800	—	—
Agricultural Br. guar. 100	60,000	J. & D.	June '76 3	" 1st pref. 60	8,130,719	M. & S.	Sep. '66 3a	Baltimore City 25	1,000,000	J. A. J. O.	Oct. '78 3
Bost., Con. & Mont. pref. 100	800,000	M. & N.	Nov. '78 3	" 2d pref. 60	4,450,388	M. & S.	Sep. '66 3a	Balt., Cat. & El. Mills 100	—	J. & J.	July '78 3
Boston and Lowell 100	3,250,000	J. & J.	June '78 2	Massachusetts 100	400,000	F. & A.	Aug. '78 1	Boston & Chelsea pref. 100	110,000	A. & O.	Apr. '78 4
Boston and Providence 100	6,921,274	M. & N.	Nov. '78 3	Memphis & Charleston 25	5,812,725	J. & D.	Jan. '69 3	Broadway (Brooklyn) 100	200,000	J. A. J. O.	Apr. '78 4
Boston and Providence 100	4,000,000	M. & N.	Nov. '78 3	Michigan Central 100	16,738,204	J. & D.	June '78 2	Broadway & 7th Av. (N.Y.) 100	2,100,000	J. A. J. O.	Apr. '78 4
Attleborough Branch 100	131,700	J. & J.	July '78 34	Middlesex Central 100	2,130,350	F. & A.	Aug. '78 3	Brooklyn & Hunter's Pt. 100	400,000	A. & O.	Apr. '78 2
Bost. Revere B. & Lynn 100	850,000	quarterly	Jan. '79 3	Mill Creek & Minehill 60	823,375	J. & J.	July '78 5	Brooklyn City 100	2,000,000	F.M.A.N.	Feb. '78 31
Buffalo, N. Y. and Erie 100	960,000	J. & D.	June '78 34	M. Hill & Schuyl. Hav. 60	2,856,450	J. & J.	July '78 34	Bushwick (Brooklyn) 100	209,000	J. & J.	Oct. '77 41
Burl. & Mo. Riv. in Neb. 100	8,533,000	F. & A.	Dec. '78 24	Mobile & Montgomery 100	2,794,800	—	Feb. '78 21a	Cambridge 100	824,300	A. & O.	Oct. '77 41
Camden and Atlantic 50	377,400	quarterly	Apr. '78 2	Morris and Essex 50	15,000,000	J. & J.	July '78 34	Can. Park N. & E. Riv. 100	1,068,400	J. & J.	July '78 3
" pref. 50	838,311	quarterly	Apr. '78 2	Mt. Carbon & Pt. Carbon 50	232,350	J. & J.	July '78 6	Citizens' (Phil.) 50	500,000	J. & J.	Jan. '78 10
Camden & Burl. Co. 100	381,925	J. & J.	July '78 3	Nashua and Lowell 100	800,000	M. & N.	May '78 2	Citizens' (Pbg.) 50	200,000	M. & N.	Nov. '77 10
Orpe May and Millville 50	447,000	J. & D.	Dec. '77 6	Nashua and Rochester 100	1,185,000	A. & O.	Oct. '77 3	Coney Island & Brookl. 100	180,000	M. & N.	July '78 24
Catawissa & Fogelsville 50	428,000	Novemb.	Nov. '77 6	Nashville and Decatur 100	1,529,000	J. & D.	June '78 3	D. Dock, E. B'dw. & Bat. 100	1,200,000	F.M.A.N.	Feb. '78 2
Catawissa 50	1,159,500	Oct. ber.	Oct. '78 31	Nash, Chat. & St. Louis 100	6,575,256	A. & O.	Apr. '78 1	Eighth Avenue (N.Y.) 100	1,000,000	J. & J.	Jan. '78 6
" pref. 50	2,200,000	M. & N.	Nov. '78 34	Naugatuck 100	2,000,000	J. & J.	July '78 5	Elizabeth and Newark 100	200,000	—	—
" 2d pref. 50	1,000,000	M. & N.	Nov. '78 34	Nequehoning Valley 50	1,000,000	M. & S.	Sep. '78 5	42nd St. & G. St. Ferry 100	748,000	M. & N.	Nov. '77 5
Cayuga and Susq. 50	599,110	J. & J.	July '78 5	N. Castle & Beaver Val. 50	1,500,000	quarterly	Apr. '78 24	Frankf. & Southw. (Ph.) 50	600,000	J. & J.	Jan. '78 9
Cedar Rapids & Mo. R. 100	6,850,400	F.M.A.N.	Nov. '78 1	N. Haven & Northamp. 100	905,000	quarterly	Oct. '74 3	Germantown (Ph.) 50	1,000,000	J. & J.	July '78 3
" pref. 100	769,600	F. & A.	Aug. '78 34	New London Northern 100	1,418,800	quarterly	Apr. '78 14	Girard College (Ph.) 50	500,000	J. & J.	July '71 3
Central of Georgia 100	7,500,000	F. & J.	Jan. '78 25	N. Y. Cen. & Hudson R. 100	89,428,330	quarterly	Oct. '78 2	Grand St. and Newton 100	170,000	J. & J.	July '71 2
Central of New Jersey 100	20,000,000	quarterly	Apr. '73 24	New York and Harlem 100	8,500,000	J. & J.	July '78 4	Green & Coates St. (Ph.) 50	400,000	J. & J.	Jan. '78 2
Central Ohio 50	2,425,000	J. & J.	July '78 2	" pref. 100	1,500,000	J. & J.	July '78 4	Heston, Mantau & Fairm. 50	2,050,000	J. & J.	Jan. '77 14
" pref. 50	400,000	J. & J.	July '78 2	" City Line 100	15,500,000	J. & J.	July '78 6	Highland 100	290,000	M. & N.	Nov. '77 4
Central Pacific 100	54,275,500	A. & O.	Oct. '77 4a	N. Y., N. H. & Hartf. 100	3,000,000	quarterly	Nov. '78 24	Lomb. & South Sta. (Ph.) 25	105,000	A. & O.	Oct. '77 6
Chemung 100	380,000	quarterly	July '78 11	N. Y. Provid. & Boston 100	8,000,000	quarterly	Nov. '78 24	Lynn and Boston 100	200,000	—	—
Cheshire, preferred 100	2,155,300	J. & J.	July '78 1	Nieg. Bridge & Canaan 100	1,000,000	J. & J.	July '78 3	Malden and Melrose 100	200,000	—	—
Chicago and Alton 100	10,065,400	M. & S.	Sept. '78 34	North Carolina 100	4,000,000	M. & S.	Mar. '78 5	Metropolitan (Boston) 50	1,500,000	J. & J.	July '78 4
" pref. 100	2,425,400	M. & S.	Sept. '78 34	N. Eastern (S.C.) pref. 100	98,000	F. & A.	Aug. '78 2a	Middlesex (Boston) 100	400,000	M. & N.	Nov. '78 3
Chicago, Burl. & Quincy 100	27,598,242	M. & S.	Sept. '78 4	North Pennsylvania 50	3,978,150	F. & A.	Aug. '78 2a	N. Y. Bay Ridge & Jam. 100	102,540	—	—
Chicago, Iowa & Nebras. 100	3,916,200	J. & J.	July '78 5	Northern Central 100	8,842,000	A. & O.	Apr. '78 3	Ninth Avenue (N. Y.) 100	797,320	—	—
Chi., Mil. and St. Paul 100	15,401,261	A. & O.	Dec. '70 7a	Northern N. Hampsh. 100	2,098,400	J. & D.	Dec. '78 24	Orange and Newark 100	282,555	—	—
" pref. 100	12,274,483	A. & O.	Oct. '78 34	Northern New Jersey 100	1,000,000	J. & J.	July '77 2	Philadelphia City 50	475,000	J. & J.	July '78 4
Chicago & N. Western 100	14,988,897	J. & D.	June '78 34	Norwich & Worcester 100	2,004,400	J. & J.	July '78 5	Philadelphia and Darby 20	200,000	J. & J.	July '77 2
" pref. 100	22,025,608	J. & D.	June '78 34	Ogdensab. & L. Champ. 100	3,077,000	J. & J.	July '76 2	Phila. and Grey's Ferry 50	284,776	J. & J.	Jan. '78 2
Chicago, R. I. & Pacific 100	20,980,000	quarterly	Nov. '78 2	" pref. 100	2,000,000	A. & O.	Apr. '78 4	Pbg. Alleg. & Manchester 50	200,000	quarterly	Apr. '78 2
Cin. Ham. & Dayton 100	3,500,000	A. & O.	Apr. '78 4	Ohio and Mississippi 100	20,000,000	quarterly	—	Second Avenue (N.Y.) 100	1,199,500	J. A. J. O.	Apr. '78 2
Cin. Rand. and Cleve. 50	2,980,550	—	—	Old Colony 100	4,030,000	J. & D.	Mar. '75 34	Second & Third St. (Ph.) 10	982,100	quarterly	Jan. '78 3
" pref. 50	413,150	M. & N.	Nov. '78 3	Oswego and Syracuse 100	6,733,800	J. & J.	Feb. '78 3	17th & 19th streets (Ph.) 50	750,000	J. & J.	Jan. '78 4
Clev. Col. Cin. and Ind. 100	14,991,300	F. & A.	Feb. '76 3	Panama 100	7,000,000	quarterly	—	Sixth Avenue (N. Y.) 100	560,000	M. & N.	Nov. '77 5
Cleveland & Mahoning 50	2,057,569	M. & N.	May '77 34	Patterson and Hudson 100	832,000	J. & J.	July '78 4	Third Avenue (N. Y.) 100	2,000,000	F.M.A.N.	Feb. '78 5
Cleveland & Pittsburg 60	11,284,150	quarterly	Dec. '78 11	Patterson and Newark 100	250,000	J. & J.	July '78 4	13th & 15th street (Ph.) 50	1,000,000	J. & J.	July '78 24
Columbus and Xenia 50	1,788,800	M.J.S.D.	Sept. '78 2	Patterson and Ramapo 100	248,000	J. & J.	July '78 3	23d street (N. Y.) 100	600,000	J. & J.	Jan. '78 4
Colum. & Hocking Val. 100	2,500,000	F. & A.	Aug. '78 4	Pemb. & Hightstown 50	342,150	M. & N.	Nov. '78 2	Somerville (Boston) 100	98,000	M. & N.	Nov. '78 3
Concord 50	1,500,000	M. & N.	Nov. '78 5	Pennsylvania 60	68,870,200	M. & N.	Nov. '78 2	South Boston 50	450,000	J. & J.	July '78 3
Concord and Port. 100	850,000	J. & J.	July '78 34	Peoria & Bureau Val. 100	1,200,000	F. & A.	Aug. '78 4	Union (Boston) 100	374,800	J. & J.	July '78 5
Conn. & Passump. Riv. 10	2,175,700	F. & A.	Aug. '78 1	Philadelphia and Erie 50	6,004,300	J. & J.	Jan. '78 4	Union (Phila.) 100	400,000	J. & J.	July '78 5
Connecticut River 100	2,100,000	J. & J.	July '78 4	" pref. 50	2,400,000	J. & J.	Jan. '78 4	West Philadelphia 50	400,000	J. & J.	July '77 10
Cumberland Valley 50	1,292,950	J. A. J. O.	July '78 24	Phil. Ger. & Norristown 50	1,626,250	M.J.S.D.	Sept. '78 3	CANALS.			
" 1st pref. 50	241,900	A. & O.	Apr. '78 4	Philadelphia & Reading 50	32,736,375	quarterly	Jan. '76 24	Chesapeake & Delaware 50	1,983,563	J. & D.	June '75 2
" 2d pref. 50	243,000	A. & O.	Apr. '78 4	" pref. 50	1,651,800	quarterly	July '76 34	Delaware Division 50	1,633,350	F. & A.	Feb. '78 4
Danbury and Newrd. 50	600,000	quarterly	Mar. '78 11	Phila. and Trenton 100	1,259,100	quarterly	Oct. '78 24	Delaware and Hudson 100	20,000,000	quarterly	Aug. '76 4
Dayton & Michigan 50	2,39,350	A. & O.	Apr. '78 11	Phila. Wil. & Balt. 50	11,584,250	J. & J.	Oct. '78 11	Delaware and Harlan 100	5,847,400	F. & A.	Oct. '78 24
" pref. 50	1,286,100	J. & J.	July '78 2	Pittsb., Ft. W. & Chi. 100	19,714,285	quarterly	Oct. '78 11	Lehigh Coal & Navigat. 50	10,848,550	J.S.D.M.	Sept. '76 11
Delaware 50	1,330,950	J. & J.	July '78 3	" Special Imp. 100	5,504,300	quarterly	Oct. '78 11	Monongahela Navigat. 50	1,003,500	J. & J.	Jan. '78 6
Del., Lackaw. & Westn. 50	26,200,000	quarterly	July '76 24	Pittsfield & N. Adams 100	460,000	J. & J.	July '78 21	Morris (consolidated) 100	1,025,000	F. & A.	Feb. '78 2
Detroit & Milwaukee 50	822,140	—	—	Portl., Saco & Portam. 100	1,500,000	J. & J.	July '78 3	Schuyl. Nav. (common) 50	1,908,207	annually	A. '78 70c.
" pref. 50	2,095,000	J. & D.	Dec. '69 7	Providence & Worcester 100	2,000,000	J. & J.	July '78 2	" (pref.) 50	2,888,977	annually	A. '78 140c.
Dubuque & Sioux City 100	5,000,000	A. & O.	Oct. '78 24	Raleigh and Gaston 100	1,500,000	J. & J.	July '78 1	MISCELLANEOUS.			
East Pennsylvania 100	1,309,200	J. & J.	July '78 3	Rensselaer & Saratoga 100	6,000,000	J. & J.	Jan. '78 4	Adams Express 100	12,000,000	quarterly	Dec. '78 2
Kast Mahanov 50	392,950	J. & J.	July '78 3	Richmond & Petersburg 100	1,008,900	J. & J.	July '78 2	American Coal 25	1,500,000	M. & S.	Sept. '77 24
Kast Tenn. Va. & Ga. 100	1,968,274	A. & O.	Apr. '78 3	Roch. & Genesee Val. 110	555,200	J. & J.	Jan. '78 3	American Express 100	18,000,000	J. & J.	Jan. '79 2
Eastern (Mass.) 100	4,997,000	J. & J.	July '78 3	Rome, Watert. and Ogd. 100	2,998,900	J. & J.	July '78 3	Amoskeag Manuf. Co. 100	3,000,000	J. & D.	June '78 5
Eastern (N. H.) 100	492,600	J. & J.	July '78 3	Rutland preferred 100	4,188,700	F. & A.	Feb. '76 34a	Calumet and Hecla Mining 80,000 shs	F.M.A.N.	Nov. '78 45	
Elmira, Jef. & Canand. 100	500,000	F. & A.	Feb. '78 24	St. Croix and Penobscot 100	100,000	J. & J.	July '71 2	Central Mining Co. 100	100,000	Annual	Feb. '78 45
Elmira & Williamsport 50	500,000	M. & N.	Nov. '77 24	St. L., Alt. & T. Haute 100	2,300,000	—	—	Consolidation (Md.) Coal 100	10,250,000	M. & S.	Jan. '77 24
" pref. 50	600,000	J. & J.	July '78 34	St. L., I. Mt. & South'n 100	12,448,950	F. & A.	Feb. '78 2	George's Creek C. & I. 100	—	J. & J.	Jan. '78 3
Erie Railway 100	70,000,000	—	—	St. L., Kan. C. & North. 100	12,000,000	—	—	Gilberton Coal Co. 100	100,000	—	Feb. '77 24
" pref. 100	8,536,910	—	—	" pref. 100	12,000,000						



**Canada Southern Railway**

The stock of the Canada Southern Railway has been placed on the regular call of the Stock Exchange. The following is an abstract of the report of the Committee on Stock List:

LIABILITIES.	
Capital stock.....	\$15,000,000
New 1st Mortgage bonds actually issued.....	\$10,862,686
Do. held for exchange under refunding scheme, viz:	
For \$637,500 C. S. firsts at par.....	537,500
For \$354,465 C. S. seconds at 81½.....	111,657
Unpaid vouchers.....	307,498
Unpaid wages (October, 1878).....	80,679
Sundry accounts payable provided for by new first mortgage bonds.....	624,088
Income account.....	494,905
<b>Total.....</b>	<b>\$27,919,018</b>
ASSETS.	
Construction.....	\$22,839,453
Capital stock Canada Southern Bridge Co....	\$225,000
Capital stock Toledo, Canada Southern and Detroit Railway Co.....	858,000
Capital stock Erie and Niagara Railway Co.....	100,000
Capital stock Michigan Midland and Canada R. R. Co.....	204,125
First mortgage bonds Canada Southern Bridge Co. ....	\$940,000
First mortgage Toledo, Canada Southern and Detroit Railway Co. ....	1,451,256
First mortgage Erie and Niagara Railway Co.....	600,000
First mortgage Michigan Midland and Canada R. R. Co.....	189,495
First mortgage Chicago and Canada Southern Railway Company.....	35,000
Capital stock New York Central Sleeping Car Company.....	25,000
Materials on hand.....	287,150
Cash.....	164,534
<b>Total.....</b>	<b>\$27,919,018</b>

Memorandum showing application of the new first mortgage bonds:

Total issue.....	\$14,000,000
Applied to the refunding scheme, as above set forth.....	\$11,511,844
Held for purchase of bonds of the Canada Southern Bridge Company, Toledo, Canada Southern and Detroit Railway Company, and Michigan Midland and Canada Railway Company.....	145,662
<b>Total.....</b>	<b>11,657,506</b>

Remaining to provide for the above item of accounts payable (\$624,087 48) and for the general purposes of the company..... \$2,342,494

The Pennsylvania Railroad Company are considering the project of building a branch railroad from Warren to Ravenna, Ohio, to connect the Ashtabula, Youngstown and Pittsburgh, and

Cleveland and Pittsburgh Railroads, thus securing a short and direct line from the Mahoning Valley and Pittsburgh to Cleveland.

**Philadelphia and Reading Railroad.**

Comparative statement of gross receipts, tonnage and passengers, of the Philadelphia and Reading Railroad Company, for the month of October:

	1878.	
Gross receipts:	Month.	Year to date.
Railroad traffic.....	\$1,205,372 97	\$10,182,762 16
Canal traffic.....	149,472 68	790,407 40
Steam colliers.....	40,171 77	487,201 40
Richmond coal barges	18,686 73	92,728 19
<b>Total Railroad Co.....</b>	<b>\$1,408,674 10</b>	<b>\$11,553,099 15</b>
Reading Coal & Iron Company.....	910,521 12	7,062,996 13
<b>Total of all.....</b>	<b>\$2,319,195 22</b>	<b>\$18,616,095 28</b>
Tonnage and passengers:		
Tons of coal on railroad.....	695,332 10	5,105,332 07
Tons of merchandise.....	298,818 18	2,898,808 10
Passengers carried.....	571,250	5,905,221
Coal transported by steam colliers.....	41,436 00	526,157 00
Tons of coal mined:		
By coal and Iron Co.....	299,068 02	2,349,017 07
By tenants.....	133,297 06	956,126 06

Total mined from lands owned and controlled by Co. & from leasehold estates..... 482,565 08 3,305,143 12

	1877.	
Gross receipts:	Month.	Year to date.
Railroad traffic.....	\$1,830,857 05	\$11,208,252 36
Canal traffic.....	127,106 33	893,030 02
Steam colliers.....	54,745 97	586,374 15
Richmond coal barges	15,064 93	117,384 35

Total Railroad Co..... \$1,527,774 28 \$12,805,540 88  
Reading Coal and Iron Co..... 1,129,021 90 9,052,645 95

<b>Total of all.....</b>	<b>\$2,656,796 18</b>	<b>\$21,858,186 83</b>
Tonnage and passengers:		
Tons of coal on railroad.....	802,939 16	6,589,337 11
Tons of merchandise.....	306,875 16	2,904,779 19
Passengers carried.....	612,263	6,185,254
Coal transported by steam colliers.....	59,650 00	542,597 10
Tons of coal mined:		
By Coal and Iron Co.....	441,902 05	3,422,281 03
By tenants.....	165,220 01	1,255,167 16

Total mined from lands owned and controlled by Co. and from leasehold estates..... 607,122 06 4,677,448 19

The mines of the company worked but 21 days this month as against 27 days in October of last year.

**Manufacture of Cast Steel.**

The Johnstown Tribune says that the statement that the manufacture of cast steel in Pittsburgh was first attempted in 1840 by Messrs. Shoenberger & Co., is a mistake, and adds:

As early as 1829 an Englishman named Broadmeadow and his son made blister steel there, and about 1831 they melted cast steel of low grade in pots of their own manufacture. The establishment was located in Bayardstown, near the old Fifth avenue market house. Josiah Aukrim & Son, flemakers, at Pittsburgh, are said to have succeeded in making their own steel in 1830. In 1831 Messrs. Whitmore & Havens successfully produced blister steel at Pittsburgh. In this year there were in the country fourteen steel furnaces for the manufacture of low grade steel—two in Pittsburgh, one in Baltimore, three in Philadelphia, three in New York, one in York, Pa., one in Troy,

two in New Jersey, and one in Boston. It was in the year 1841 that the firm of G. & J. H. Shoenberger attempted the manufacture of crucible cast steel, but they only added another to the list of failures.

**The Electric Light in Mines.**

The London Mining Journal says that, aside from its other advantages, the success of the electric light would solve a most important problem affecting the lives of many persons now working in the mines. "There appears to be no reason," says the Journal, "why electricity should not be made applicable for mining instead of lamps, and this would effect what our mining engineers and foremost chemists have long been looking for. It would give the men such a light as they have never dreamed of, enabling them to get a much larger quantity of coal in a given time than it is possible for them to bring down by the light of the lamp, which barely suffices to make the blackness of the working-places visible. It would also benefit both masters and men, and greater safety would be insured, for explosions would be all but impossible, whilst the miners would be better able to guard against falls of roof and coal."

The Luzerne (Penn.) Union says that engineers have been at work several days on the proposed route for a new railroad from the Wyoming coal fields near Pittston, to intersect the Honesdale branch of the Erie railway at Hawley. This new road, if ever completed, will shorten the distance about eighty miles for shipping this coal to the New York market, and moreover may, before long, perfect a through route to the great West, three or four hours shorter than that by the Erie or New York Central. Should this new road be made it will increase largely the coal freight over the Delaware and Eastern divisions of the Erie, and at the same time bids fair to divert through freight and travel from the Erie to the Lehigh Valley road, north and west of Pittston.

A circular issued from the Treasury Department states that the transfer books for the new 5s, 4½ and 4 per cents, will be closed for one month before each interest payment is due. The circular further states that if bonds forwarded for transfer are not received prior to closing the transfer books interest checks will be drawn in favor of the party in whose name the bonds stood at the closing, and the assignee must look to the assignor for the accrued interest for that quarter.

The Osceola Revivelle says that the best opening in that region for a new coal road, is along the upper Moshannon. A narrow gauge railroad from the head of Moshannon creek to Osceola, would furnish more freight than any other branch on the Tyrone and Clearfield road. Something of that kind is needed to develop the agricultural and mineral wealth of that much neglected territory.

The total number of immigrants arriving at the port of New York from January 1 to November 1 of this year was 66,648, against 48,122 for same period of 1877.

The Car Trust of Pennsylvania announces a dividend of 1½ per cent, payable on series C and D stock December 2.



**The Coal Trade.**

The total tonnage of anthracite coal from all the regions for the week ending November 16th as reported by the several carrying companies, amounted to 510,401 tons, against 525,997 tons in corresponding week last year, a decrease of 15,596 tons. The total amount of anthracite mined for the year is 14,682,909 tons, against 17,665,663 tons for same period last year, a decrease of 2,882,754 tons. The quantity of bituminous coal sent to market for the week amounted to 89,451 tons, against 89,243 tons in corresponding week last year, an increase of 208 tons. The total amount of bituminous mined for the year is 3,021,764 tons, against 3,186,293 tons for corresponding period last year, a decrease of 164,529 tons. The total tonnage of all kinds of coal for the week is 599,852 tons, against 615,240 tons in corresponding week last year, a decrease of 15,388 tons, and the total tonnage for the coal year is 17,704,678 tons, against 20,751,956 tons to same date last year, a decrease of 3,047,283 tons. The product of the mines of the Cumberland coal region for the week ending November 16 was 48,063 tons, and for the year to that date 1,489,519 tons, an increase of 93,645 tons as compared with the corresponding period of last year. The shipments to the Baltimore and Ohio Railroad were, for the week, 23,116 tons; for the year, 783,806 tons, an increase of 89,432 tons as compared with 1877. The shipments to the Chesapeake and Ohio Canal were, for the week, 20,646 tons; for the year, 572,885 tons, an increase of 15,301 tons as compared with 1877. The shipments to the Pennsylvania Railroad were, for the week, 4,301 tons; for the year, 133,328 tons, a decrease of 11,088 tons as compared with 1877. The quantity of coal and coke carried over the Pennsylvania Railroad for the second week of November was 119,937 tons, of which 96,091 tons were coal, and 23,846 tons coke. The total carried for the year is 4,231,832 tons, of which 3,259,945 tons were coal and 974,887 tons coke. These figures embrace all the coal carried over the road, east and west. The Reading Railroad reports a tonnage for the week ending November 23 of 190,000 tons, of which 76,000 tons were sent to Port Richmond. The shipments thence during the week amounted to 59,000 tons. The receipts of coal at Perth Amboy during the week ending November 23 were 21,871 tons, the shipments 22,173 tons, and the amount on hand at that date 52,991 tons. At the same date last year the amount on hand was 94,852 tons.—*Phila. Ledger*, Nov. 25.

**Highland Railway.**

At the annual meeting of the Highland Street Railway Company, held in Boston on the 19th inst., the annual report of the President was presented, from which it appears that the company carried during the past year 5,940,999 passengers, an increase of 1,035,332 over last year. The number of horses owned by the company is 569, an increase of 55; number of cars, 97, an increase of 12. The company has charged to depreciation of horses \$5000. The track in Shawmut avenue has been relaid with steel rails at an expense of \$4,637 50. The Shawmut avenue cars have been repainted and supplied with new wheels and centre lamps at an expense of \$6,214 90, which items form an extraordinary expenditure of \$15,747 42, which will not occur again for at least five years. The snow expense occasioned by the great storm of Jan. 31 last amounted to \$2,721 48, besides the loss on receipts.

New tracks have been laid in Eliot and Dudley streets with steel rails and new patent switches over the entire route. The track on Shawmut avenue between Waltham and Dover streets has been laid to a new grade and paved with granite blocks. A new brick car house has been erected on Northampton street to accommodate 18 cars. A line of coaches has been established between Grove Hall and Mt. Hope Cemetery, which has

proved a success. The general equipment of the road has been largely increased by the addition of new harnesses, snow plows, levelers, sleds, wagons and coaches.

The old Board of Directors was re-elected, as follows: Donald Kennedy, Jacob Pfaff, S. S. Rowe, Charles J. Hayden, J. H. Chadwick, Henry Pfaff, Samuel Little, Moody Merrill. At a subsequent meeting of the directors Moody Merrill was re-elected President; Samuel Little, Treasurer; John L. Swift, Clerk; J. E. Rugg, Superintendent, and Thomas W. Clarke, Counsel.

**Potomac and Ohio Railroad.**

The projectors of the Potomac and Ohio Railroad are actively engaged in putting their projected enterprise on a level footing. The proposed line will be of the narrow gauge pattern, and will run from Quantico, situated on the Potomac river, thirty-three miles below Washington, to Charleston, the capital of West Virginia. At Quantico the line will connect with a branch of the Pennsylvania railroad. The road when completed will be 325 miles in length. Several counties through which it is to pass have already made liberal grants of land and money; and the work of construction is to be commenced within a week.

The bill of the Boston, Hoosac Tunnel and Western Railroad Company, which passed both branches of the Vermont Legislature on the 23d inst., authorizes the company to use the rights of way of the Troy and Boston Railroad for their cuts, slopes and embankments, confirms their location as they are now building their road, and authorizes them to take the depot grounds at Pownal, and to come within seven feet of the rails at the State line of Massachusetts and Vermont. This bill disposes of the suit of the Troy and Boston Railroad in the United States Court for an injunction, and the company have now all the legislation they require in Vermont.

The Boston Journal says that a company is to be organized under the charter of the Aroostook Railroad company to build a branch railroad to Houlton from the European and North American Railway at Bancroft, and the opinion is expressed that it will be built within the coming year. The contemplated branch road will pass through Amity and Hodgdon, making the length of line about 30 miles. The Maine Central and Eastern Railroad Companies will aid in the enterprise. A contractor has already offered to build and grade the road ready for the rails for the sum of \$300,000.

The third rail on the Western Pennsylvania Railroad for the Pittsburg, New Castle and Lake Erie Narrow Gauge Railroad has been laid from Etoua to a point known as "Willow Grove." It is expected that trains on the new road will enter the city of Pittsburg within a week.

The income to the State of Massachusetts from the Hoosac tunnel this year will be about \$160,000, or the interest on about one-fifth of the cost.

The gross earnings of the Philadelphia and Erie Railroad Company for the month of October, 1878, were \$352,695 03, the gross expenses \$207,060 49, and the net earnings \$145,634 54.

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Clothespin Machinery  
Dovetailers  
Drop Presses  
Drill Presses  
Daniels Planers  
Door Machinery  
Edgers  
Elevators  
Extractors  
Emery Wheels  
Engines, 1 to 300 h p  
Excelsior Machines  
Fans  
Forges  
Fire Pumps  
Foot Lathes  
Fire Engines  
Friction Clutches  
Gearing  
Grist Mills  
Governors  
Gear Cutters  
Gauge Lathes  
Grindstones  
Gray & Woods' Plan'r  
Hose  
Hesters

Hay Presses  
Horse Powers  
Hub Machinery  
Hoisting Engines  
Hydraulic Presses  
Irregular Moulders  
Jacks  
Jig Saws  
Jack Screws  
Looms  
Lathes, Iron  
Lath Machinery  
Lathes, Wood Turning  
Leather Belts, 2 to 241  
Matchers  
Mortisers  
Mill Spindles  
Milling Machines  
Moulding Machines  
Nut Tappers  
Nut Machinery  
Pumps  
Punches  
Pickers  
Pulleys  
Pulp Pumps  
Power Presses

Planers, Iron  
Planers, Wood  
Portable Mills  
Power Hammers  
Portable Engines  
Printers' Machinery  
Pipe, steam & water  
Planers & Matchers  
Portable Grist Mills  
Rolls  
Re-Saws  
Radial Drills  
Rivet Machines  
Ring Spinning Frames  
Rubber Belt'g, 2 to 241  
Saws  
Scales  
Shears  
Saw Mills  
Saw Arbors  
Surfacers  
Swing Saws  
Steam Pumps  
Steam Yachts  
Steam Gauges  
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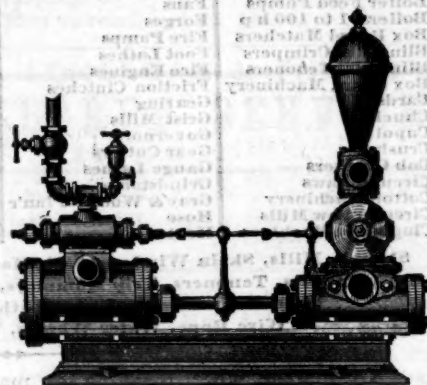
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